



The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3396
EXLIII

MARCH 10, 1945

Annual Subscription (with
Diary) 25/- Single Copies 9d.

'RUTONAL'

TRADE MARK

brand methophenobarbitone

in epilepsy

'RUTONAL' brand methophenobarbitone, an anti-epileptic with little hypnotic action, is being used increasingly as the routine barbiturate in those institutions and practices in which epileptics are encouraged to regard themselves as normal members of society.

Supplies:—containers of 25 x grains 3 tablets 3s. 3d. less the usual discounts and plus purchase tax; available from your usual supplier; also in containers of

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100 x grain 1 tablets.



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- ✓ Salicylic Acid B.P. & TECH.
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- ✓ Methyl Salicylate B.P.
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Monsanto
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RUABON • WREXHAM • DENBIGHSHIRE

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These successive improvements marked decisive forward steps in the prevention of nutritional disorder and made possible the establishment of the present-day high standards of infant feeding.

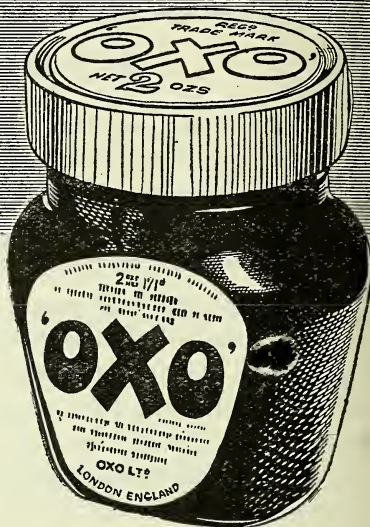
Research progresses, backed by the large technical resources of Glaxo Laboratories, into newly posed problems of nutrition and disease.



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*A flavoured and
seasoned preparation
of Beef Extract and
Beef Protein.*



**STIMULATES THE
DIGESTION
AIDS NUTRITION
TONES UP THE SYSTEM**

DELICIOUS AND APPETISING AT ALL TIMES

Crookes' Halibut Oil

— a drop instead of a spoonful —



**NATIONAL WINTER
ADVERTISING CAMPAIGN
HAS NOW COMMENCED**
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3. Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
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Standard Parcels of Drops or Capsules only				
	Bonus	Sell	C. s. d.	
PARCEL G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	1	5/-	3	0 0
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PARCEL K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	12	2/-	2	14 0
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			5	8 0
			10	10
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			5	2 0
			1	5 6
			3	16 6
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			8	10
			15	6 0
			3	16 6
			11	9 6
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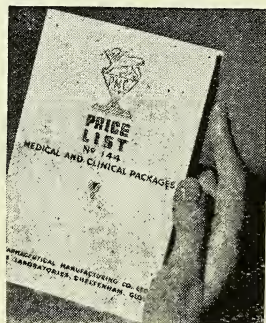
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The farther ahead you can order the better will your wholesaler be able to supply you on time.

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Pronounced *See-foss* REGD.
THE PHYSICIANS' REMEDY

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Dose 2d.

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Help us to help you by ordering early

Experience indicates that SEROCALCIN is effective in 80 per cent of cases in the prophylaxis and treatment of colds. It is not surprising, therefore, that the demand is increasing faster than the supply. The national importance of SEROCALCIN at the present time makes it specially desirable to ensure equitable distribution. Please co-operate with us by placing your orders well in advance.

SEROCALCIN PREVENTS COLDS

Serocalcin is available in two sizes only :
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WATFORD 4457

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NOW IN TWO SIZES

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ASK YOUR
CHEMIST...



IN our press advertisements we advise women to ask their chemist for a copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us today for a supply of our latest Chemist Display Aid?

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FOR FEMININE HYGIENE

J. RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON, E.C.1

PILLS · TABLETS · SOLVELLÆ · PHARMACEUTICALS ETC.

ARTHUR H. COX & CO., LTD.
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FOR THE RELIEF OF:—
RHEUMATIC CONDITIONS,
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STIFF NECK, BRUISES, Etc.

Pack	Retail Incl. P.T.	Trade per doz.	P.T. per doz.
Tins	3/4½	27/-	4/6
11b. Carton	22/6	180/-	30/-

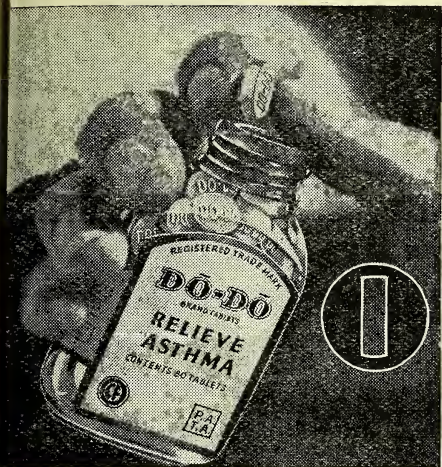
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OF DIFFICULTY, FROM THE MANUFACTURERS



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gives relief in 30 seconds

7 TABLETS 1s. 1½d. . 30 TABLETS 3s. 4½d. INCLUSIVE

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TWO LINES IN STEADILY GROWING DEMAND BABLETS PINKETTES

(Baby's Own Tablets)

For Teething Troubles and other Simple Ailments of Infants and Children.

Laxative · Comforting · Digestive

Retail Price 1s. 5d. inc. Tax

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For Sluggish Liver, Constipation, Biliousness, Dizziness Sick Headaches, Offensive Breath, Coated Tongue

The Laxative you can confidently recommend

Retail Price 1s. 5d. inc. Tax

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DENGHERM

TRADE MARK

DEAL 8" & ANTISEPTIC 1/3 Inc Tax

DENGHERM LTD.,

LONDON, S.E.1.

We manufacture . . . every variety of

COMPRESSED TABLETS

We can give deliveries on time and invite enquiries for the Manufacturing & Wholesale Drug Trade

The DALES ASPIRIN CO. (PROPRIETORS) (H.A. TOLKIN)

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In these trying times —



INDICATIONS

General fatigue and debility, hypertension, infective conditions, night blindness.

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250 tablets.. .. 9/6
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D.D.D. Balm, the new non-greasy and anti-septic ointment for skin troubles, is in free supply. It is supported by a wide advertising campaign, and is having a popular reception from the public, among whom are many old friends of the liquid D.D.D. Prescription. This non-greasy, antiseptic and healing balm encourages the elimination of any pus and hastens the natural process of healing. The preparation is one you can confidently recommend, it is an assurance of steady profitable business.

TRADE TERMS:
16/- per dozen

Pur. Tax 2/8 per doz.
Inclusive Retail Price
2/- per jar.



SHOWCARDS—
are available to
those who stock
D.D.D. Balm.

D.D.D. CO., LTD.

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TABLETS & POWDER

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT



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Bismoepsin ..	5/2
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Hyperol Solid H ₂ O ₂ ..	-/9
Hamalex ..	3/2
Larysept Throat Tablets ..	2/9
Menogland ..	2/6 & 8/4
Occusept Eye Lotion ..	1/9
Paratex ..	2/6
Parivitan ..	2/6
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Syr. Tussilana ..	4/2
Septerin ..	1/10 & 3/4
Tuss ..	4/2

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GUL. 3478

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Phosferine Advertising which makes no extravagant claims, consistently keeps our product before the notice of the Public.

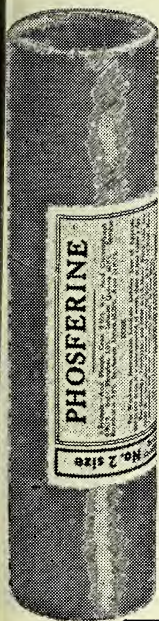
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 available in 2 sizes

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No. 2 „ „ 3/3 „ „ „

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FLAVOURINGS

ESSENTIAL OILS

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 THE ORIGINAL
WIDOW WELCH'S FEMALE PILLS

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CAPSULES**

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Products
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Shampooing Lotion, Solid Brilliantine, Brilliantine,

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Labels for these lines—6/- per gross.

Perfume—COLOURING—BOTTLES—JARS.

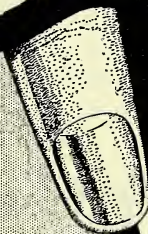
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 widths. Vari-
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WHO STOCK**



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AND
TEK TOOTH BRUSHES**

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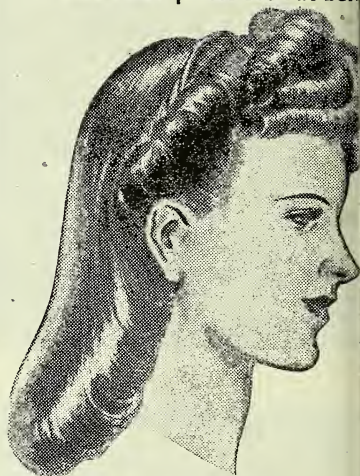
Johnson & Johnson
(INCORPORATED IN GREAT BRITAIN) LIMITED

REGISTERED OFFICE
& SALES DEPARTMENT
SLOUGH, BUCKS

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HARLENE

Hair Grower and Tonic
2/1 and 5/0½

Camomile Shampoo Powders
4d. and 1/11

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ROSE, ROSETAN,
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Powder can be executed
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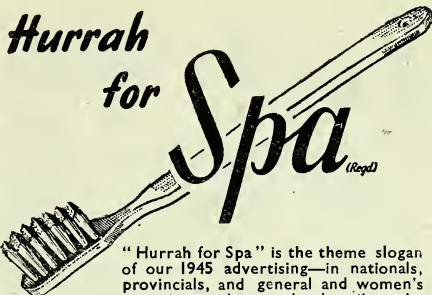
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when available
under quota
restrictions.

2/8
INCLUDING
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of our 1945 advertising—in nationals,
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magazines. It exactly describes the
feelings of those who are lucky enough to be able
to buy a "Spa" Toothbrush in these days of
restricted production.

**You cannot sell a better toothbrush
than "Spa"**

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Two Shapes: Long and Short head
Two Grades: Medium and Hard
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Trade: 8/4 and 12/1 per doz. plus P.T.

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ECONOMICAL

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SOFTER...

SOFTEX
TOILET TISSUE

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A Splendor Line you ought to stock

An excellent formula
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—a rapid seller
and steadily advertised.

6½d., 1/5 and 2/6 Inc. P. Tax
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SPLENDOR LTD.
LONDON and NOTTINGHAM

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DOUBLE POWER
TABLETS

KILL PAIN QUICKEST!

SALTER

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Personal & Baby
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**MANESTY
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OUTPUT
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FOR TABLETS UP TO $\frac{3}{8}$ " DIAM.



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OUTPUT
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PER MIN.

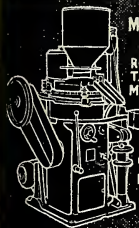
FOR TABLETS UP TO $\frac{1}{2}$ " DIAM.



**MANESTY
No 2
TABLET
MACHINE**

OUTPUT
55-220
PER MIN.

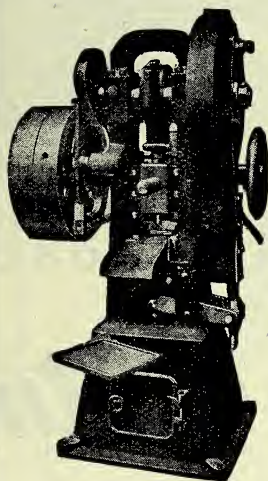
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**MANESTY
R.S.1
ROTARY
TABLET
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for BLOCKS, CUBES
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PELLETS

Max. diam. of pellet $2\frac{1}{2}$ "

Max. depth of fill $2\frac{1}{2}$ "

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Horse power 3

- This machine can be used for round or shaped pellets.
- Multiple punches and dies can be fitted and the output increased accordingly.
- Available for belt drive, or with self-contained motor drive.

Full particulars on request

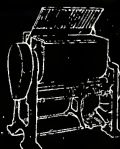


**MANESTY
OSCILLATING
GRANULATOR**

OUTPUT
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LBS.
PER HOUR

**MANESTY
MIXER**

CAPACITY
100 LBS.
OF POWDER



**MANESTY
B3
ROTARY
TABLET
MACHINE**

OUTPUT
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PER MIN.

FOR TABLETS UP TO $\frac{1}{2}$ " DIAM.



**MANESTY
D3
ROTARY
TABLET
MACHINE**

OUTPUT
300-350
PER MIN.

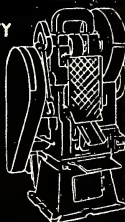
FOR TABLETS UP TO 1" DIAM.



**MANESTY
No 3
TABLET
MACHINE**

OUTPUT
30-400
PER MIN.

FOR TABLETS UP TO $2\frac{1}{4}$ " DIAM.



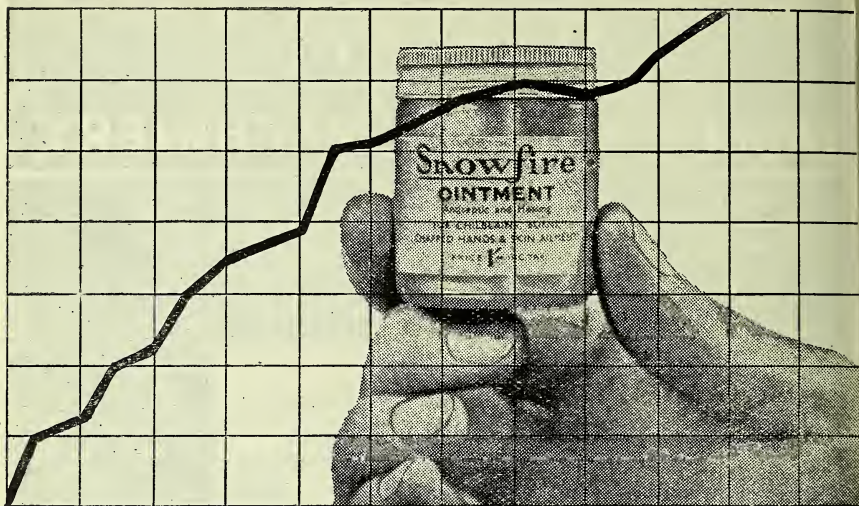
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are of special value in
throat affections due to local
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BRAND

TABLETS

INDICATIONS. Epilepsy and all spasmodic conditions; Chorea and nervous disorders; Anxiety neuroses; as a hypnotic in all cases where phenobarbitone is indicated.

ALEPSAL is issued in **Three** strengths:—

Normal—1.54 gr. phenobarbitone; 0.31 gr. p. belladonn. fol.; 0.38 gr. Caffeine. Issued in tubes of 20 tablets.

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Weak—0.23 gr. phenobarbitone; 0.046 gr. p. belladonn. fol.; 0.057 gr. Caffeine. Issued in tubes of 80 tablets.

Chemists are asked to take careful note of the **Three Strengths** issued

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INDICATIONS.

As a general Sedative and Hypnotic.

Insomnia.

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SOLUTION is issued in bottles of 3½ oz. Formula: Soluble barbitone, 3.5 g.; liquid extract fresh valerian to 100 c.c.

TABLETS issued in tubes of 22.

Formula: Ext. fresh valerian, 1.0 gr.; soluble barbitone, 3.3 gr.; excipient to 6.5 gr

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NEWS OF THE WEEK

Double Summer Time.—Double summer time will operate this year from Monday, April 2, until Sunday, July 15.

Delivery Pools to Remain.—A statement from the Ministry of War Transport makes it clear that pooled delivery services should be continued.

Doctor Struck Off.—The General Medical Council has ordered the name of Francis Christopher Toner to be erased from the Medical Register.

Fire Research Bureau Disbanded.—The Emergency Scientific Research Bureau of Fire is to be disbanded on March 31. The Bureau was set up to deal with industrial problems arising out of scarcities caused by the fact that Britain was at war.

D. Campaign.—The Ministry of Health has issued a leaflet giving details of educational publicity matter available to local authorities in connexion with the campaign against venereal diseases. Five designs of posters are available, and local authorities

are being urged to make greater use of these and other propaganda material.

Sterling Restriction on Travellers.—Under Orders issued by the Treasury, travellers to most European countries will be permitted to take out only £5 in sterling notes for use on return to this country; an additional £10 in foreign currency may be taken without certificate. Travellers to Eire will continue to be allowed to take out sterling notes and Irish currency up to any amount without formality. Import into the United Kingdom of French, Belgian and Dutch notes is to be restricted to £5 in aggregate. The Orders come into force on March 12.

Report on Tuberculosis.—Fewer victims of tuberculosis amongst £1,000-a-year civil servants than amongst £5-a-week clerks constituted a principal finding in a survey recently made by the Medical Research Council, and available as a report from H.M. Stationery Office, price 3s. Of 10,903 persons radiographed (62 per cent. of the number invited) under the Government's

mass-radiography scheme, 1.3 per cent. were classed as having newly discovered tuberculosis lung lesions requiring medical action.

Skegness Revives Chamber of Commerce.

—At a recent meeting of Skegness traders it was unanimously decided to revive the local Chamber of Commerce, which ceased to function soon after the outbreak of war.

Red Cross Gift.—A cargo of supplies sent recently to the Channel Islands under the auspices of the British Red Cross Society included a substantial quantity of medicinal and surgical supplies donated by Boots Pure Drug Co., Ltd.

Commercial Travellers' Appeal Fund.

Appeals on behalf of the Royal Commercial Travellers' Schools during 1944 resulted in the collection of the highest total for seventeen years, £23,604, a sum exceeded only three times during the schools' history.

Manufacturer's Generosity Recognised.

In acknowledgment of the benefactions of Mr. Bob Martin (Bob Martin, Ltd., Southport), the Southport Infirmary board of management has decided to give the name Bob Martin Ward to the Women's A ward of the infirmary. The ceremony of naming took place on February 24.

Lancashire Herb Collection.—605 lb. medicinal herbs was gathered, dried and sent to manufacturers in the area of the Lancashire County Herb Committee in 1944. The most important collections were belladonna, foxglove (seed and leaf), elder flower and raspberry leaf. The total of rose-hips was 1 ton 16 cwt. 20 lb.

Thames Valley Pharmacists.—Mr. D. G. Ardley gave a talk on "Sulphonamide Therapy" at a meeting of the Thames Valley Branch of the Pharmaceutical Society on February 26. He described the uses of sulphonamides in treatment, diagnosis, and prevention of infections, comparing their action with that of antiseptics, disinfectants, and germicides.

Wine Licence Applications.—At Blackburn licensing sessions, on February 7, a wine "off" licence was granted to Mr. J. Birtwistle (G. Birtwistle, Ltd., chemists), 155 Whalley Old Road, Blackburn.—At Fleetwood, on February 13, an application by Mr. Albert Mason, M.P.S., Lawson's Road, Thornton, for a six-day wine and spirit off-licence was refused.

Penicillin Lecture.—An address on "Penicillin" was given to the Medway Branch of the Pharmaceutical Society at Chatham

recently by Dr. T. H. Mead. Mr. V. I. presided, and an attendance of well over 100 persons included members of medical and nursing professions, students from the local technical college and members of the Pharmaceutical Society serving with the Royal Navy at Chatham. J. E. French proposed and Dr. T. H. Mead seconded a vote of thanks to the speaker.

Extra Holiday for Factory Staff.

Trent (chairman, Boots Pure Drug, Ltd.) has issued the following notice: "The directors have for some time been concerned about signs of fatigue and strain among staff, due to war conditions, and all persons who, since September 1, 1944, have been employed in the works and offices of the company in Nottingham, London, Heywood, will receive an extra week's holiday with pay this summer." Altogether 9,000 workers will benefit.

Nutrition Lecture at Tunbridge Wells.

At a meeting of the Tunbridge Wells Branch of the Pharmaceutical Society held on February 14 an address was given by Dr. Frank Wokes, Ph.D., Ph.C. (director of research, Ovaltine Laboratories), on "Vitamins and Nutrition." The address was illustrated by lantern slides and followed by a discussion which was opened by the branch chairman (Mr. S. Smyth, M.I., Rusthall), and ranged over a wide field of scientific and domestic aspects of nutrition. A vote of thanks was proposed by Mr. Norrie.

Petition to Retain Pharmacist.

Over a thousand signatures were obtained for a petition asking that Mr. A. Lloyd Jones, M.P.S., who acquired a pharmacy at Grassington, Yorks, after being released from war work in December 1944, should be allowed to remain in the village. The pharmacy serves a 50-sq.-mile area of the Yorkshire dales, and considerable hardship would have been caused if persons requiring a pharmacist had to travel to the nearest pharmacy. Mr. Jones was in a low medical grade, and had been officially told that he should have accepted a post away from home, because Grassington was not regarded as an area in which a chemist's shop was necessary. It is understood that the Central Pharmaceutical War Committee has recommended that he should be allowed to remain in his present position.

Isle of Wight Hears Vice-president.

At a recent meeting of the Isle of Wight Branch of the Pharmaceutical Society, the speaker was the vice-president of the Society.

F. McNeal), his subject being "The Pure Health Services." Mr. McNeal predicted that the new service would cause an increase of about three times in the number of patients who were at present covered by the National Health Insurance.

This would not necessarily mean an increase in dispensing in the Island, but a change of form, as he understood that a majority of Island doctors already did dispensing, but left it to the pharmacist. In addition to this some form of control over the sale of patent medicines was obviously necessary. Following a very interesting discussion in which many members took part, Mr. G. Ramage proposed a vote of thanks, which Mr. Woollings seconded.

Dinner to Pharmacist Lord Mayor.—At Hanley, on February 15, the North Staffordshire Branch of the Pharmaceutical Society gave a complimentary dinner to the Lord Mayor and Lady Mayoress of Stoke-on-Trent (Alderman W. H. Kemp, M.P.S., and Mr. Kemp). Alderman Kemp is a former president of the branch and has been a member of the Society since 1906. The guests included Mr. F. Gartside (branch president); Messrs. J. Martin and H. E. Kirby (vice-presidents); Alderman and Mrs. J. A. Dale, Stoke; Mr. H. C. Shaw, Treasurer, Pharmaceutical Society; Mr. J. Mott (branch treasurer) and Mr. R. A. Mackney (secretary). The toast "The Lord Mayor" was proposed by the branch president, who also announced that a cheque for £60, proceeds of a dance organised by John Knox, Ltd., Hanley, had been sent to the Pharmaceutical Society's Benevolent Fund.

I.D.A. Agreement with Manufacturer.—A circular issued by the committee of the Irish Drug Association announces that a satisfactory agreement has been reached between the Association and the Lilmar Manufacturing Co., acting as distributing agents for the Irish Malt Distilling Co., Santry, co. Dublin, under the terms of which the Lilmar Co. are prepared to meet the wishes of the I.D.A. before marketing any product which would conflict with existing stocks of goods on the market, and particularly where suggested retail prices would be lower than market prices. It was further agreed that Golden Leaf brand extract of malt and cod-liver oil could be classified as a proprietary malt, and placed on the I.D.A. price list at the retail price of 3s. 6d., with a margin of ½ per cent. From June 1945, when the Lilmar Co. is in a position to supply malt and

oil in unbranded packs with chemists' own names and addresses, the Lilmar Co. will arrange with the I.D.A. an agreed retail and trade price. The company also undertakes that the malt and oil, whether branded or unbranded, will be confined exclusively to chemists, and only sent to wholesalers giving an undertaking in writing that they will confine it to the trade.

North Down Chemists' Association.—A meeting of the North Down Chemists' Association was held in Bangor, co. Down, on February 14, Mr. S. H. Forrest (president) in the chair. The secretary (Mr. R. Hall) read replies received from the two local Members of Parliament to his letter urging that at least two practising pharmacists should be included on the Health Advisory Council. The two members had interviewed the Minister of Health but stated that, since the Pharmaceutical Society of Northern Ireland had expressed satisfaction with an assurance that chemists would be consulted on technical points concerning pharmacy, they had found it difficult to pursue the matter further. Mr. J. McClenahan (secretary, Ulster Chemists' Association) said arrangements had been made for a question on the subject to be asked in the House. The following officers were re-elected for the year: *President*, Mr. S. H. Forrest; *Vice-president*, Mr. A. S. Fyfe; *Secretary*, Mr. R. Hall; *Treasurer*, Mr. R. McCutcheon. The secretary reviewed the Association's activities since its formation on May 1, 1940, and paid tribute to the work done by Mr. John McDowell (then president of the Ulster Chemists' Association), who had displayed great interest in the work of the Association. He also expressed thanks to the secretary of the Ulster Chemists' Association, who had attended almost all their meetings. As the result of a collection from members, a contribution of £12 10s. had been sent to the Bangor Rail Disaster Fund. The treasurer's report showed a satisfactory state of affairs. Discussion concerning rota arrangements was deferred. A discussion took place on remuneration for National Health Insurance dispensing. Mr. J. McClenahan said there had been a satisfactory response to a questionnaire on the subject recently sent to members, the replies being unanimous that N.H.I. remuneration was grossly inadequate. It was agreed to hold a social function on March 28, the arrangements being left in the hands of the president, secretary and treasurer.

LEGAL REPORTS

Chloroform Theft.—At Glasgow sheriff court, on February 15, John Gray Strang and Joseph Gallacher were sentenced to six months' imprisonment for offences which included the theft of a bottle of chloroform and surgical instruments from a doctor's car.

Spirit Moved Without Permit.—In Hamilton sheriff court, on February 12, Donald Shearer, M.P.S., manager of the drug department, Dalziel Co-operative Society, Ltd., Motherwell, pleaded guilty to having, on August 16, 1944, knowingly engaged and assisted in the removal, without permit, of 25 gall. spirit from Glasgow to the premises of the Maypole Dairies, Ltd., Brandon Street, Motherwell, and from there to premises of the Motherwell Services Club. The Sheriff imposed a fine of £10, with the option of sixty days' imprisonment.

Alleged Blackmail Attempt.—An alleged attempt to blackmail the managing director of J. W. Simpson (Chemists), Ltd., was the subject of a charge before the Clerkenwell magistrate on February 16 and 28, when Harry H. Hatherley, motor driver, Balmoral Grove, N.1, was charged on remand with demanding £20 with menace from Walter Reginald Williams Crowe, White Ben, South Road, Chorley Wood, Herts. Hatherley was alleged to have demanded £20 for information relating to building work alleged to have been carried out by the company in excess of permit. He was committed for trial at the Old Bailey.

Perfumery Labelling Offences.—At North London magistrates' court, on February 22, Private George Strachan, R.A.M.C., was sentenced to a fine of £25 or six weeks' imprisonment for providing toilet goods without labels. It was alleged that he offered to sell to a shopkeeper perfume and vanishing cream made by Fuller Simpson. Eventually three gross perfume without labels, and two gross vanishing cream bearing a Fuller Simpson label, were delivered. The goods had not been made or packed by Fuller Simpson, and the address in Leicester of "Mr. Conway," for whom Strachan purported to be a traveller, was actually that of Boots, Ltd.; the prosecution had not been able to trace him.

Incorrectly Labelled Cosmetics.—At Blackpool, on February 21, the Universal Trading Co., Charing Cross Road, London, were fined £20 for supplying cosmetics not bearing the manufacturer's name, and

Cheyl Michel Shatz, sales manager, as fined £10 for aiding and abetting. For the Board of Trade it was alleged that Shatz called at a stall displaying toilet requisites run by an Indian at Blackpool and sold 24 doz. lipstick refills at 14s. doz. and 27 doz. tins of block rouge at 12s. doz.; none was attached. The Indian denied asking for the articles to be supplied with labels. In Shatz's suitcase was found a considerable quantity of lipsticks and rouges, some labelled and some unlabelled.

Perpetual Injunction Granted.—On February 27 the Ilex Supply Co., Ltd. (manufacturers of Dr. Page Barker's scurf lotion), made an application for an interim injunction to restrain the Miles Cosmetic Co., Brixton, from marketing a preparation under the title "Miles' P.B. scurf lotion" on the ground that the plaintiffs' Page Barker scurf lotion was known throughout the trade as P.B. scurf lotion, and that they had used the abbreviation "P.B." in their advertisements. The application was supported by affidavit evidence by members of the trade that to sell such a lotion under the letters "P.B." would be calculated to cause confusion. The defendants appeared in person, and agreed to treat the motion as a trial of the action. A perpetual injunction was granted against defendants, who were ordered to pay costs of the action and a sum by way of damages.

Flies in Ginger Cordial.—At North London police court, on February 26, Dan Fruit Cordials, Ltd., Coper's Road, Beckenham, Kent, were fined £10, with £3 costs, for manufacturing ginger cordials which, when sold to Perks' Dairies, Charingworth Road, Hackney, was found to contain flies. A plea of "Guilty" was entered. For the Hackney Borough Council it was stated that a woman brought to the local medical officer of health a bottle, not the subject of the charge, which contained dozen flies. At the shop it was found that the manageress had another bottle which, when examined, was found to contain the flies. The bottles were found to be part of a consignment of 100 doz. bottles which were sent out by the defendants in March 1944, and eventually distributed to Messrs Perks' branches. Counsel for the defendants suggested that inexperienced staff must have been responsible. He declared that only two bottles had been found faulty out of the two-and-a-half million sent out in 1944.

TOPICAL REFLECTIONS

Science in Industry

the holding of another conference on the relations of science in the post-war world (p. 219, 224) is a gratifying indication of interest in this vital question. As you point out, restriction of space has prevented the publication of reports so full as you have desired. My comment must accordingly be confined to matters which may possibly have been elucidated in the discussions that took place. One such matter is the association of cheaper coal production with rational utilisation of natural resources." When we consider the present position of the coal industry, we cannot help wondering whence the cheaper coal will come. In any case the coal of the United Kingdom is not inexhaustible: that being so, it is to be hoped that hydro-electric power will be developed to the utmost limit within the nearest practicable period. Another point suggested by the regret of Professor J. D. Bernal that, as he expressed it, the direction of research in the chemical industry "was dominated by private commercial and not national interests." Having regard to the endowments as the research fellowships of Imperial Chemical Industries, Ltd., and the research lectureship of Brotherton Co., Ltd., announced in your issues of August 19 and December 30 respectively, it is difficult to assent to so general a statement. As a recent series of editorial articles in *THE CHEMIST AND DRUGGIST* showed, the integration of "pure" research in our universities with specific investigations in the laboratories of individual industrial houses is proceeding apace; and so far as our limited knowledge extends, no question of domination of the work of the universities has arisen.

An Experiment at Blackpool

The bold action of the seventy-three "private" chemists at Blackpool in drawing up a scheme for the uniform pricing of prescriptions (pp. 217, 225) should stir up members of other branches of the National Pharmaceutical Union to emulate this settlement of a long-standing problem. No one, I think, can fail to be impressed by the detailed and businesslike nature of the even Blackpool rules. They represent a great deal of hard work, and are calculated to stand the wear and tear of daily routine. Many of us have been plagued by customers who gave the impression of having gone from shop to shop with the intention of discovering the cheapest valuation put on

professional training: this annoyance is likely to be reduced to small proportions under the new scheme. On reading your report, it occurs to me to wonder why uniform minimum prices are provided only for 6-oz. and 8-oz. mixtures. Could not this principle have been extended to common sizes of other forms of medicament? One difficulty that may arise—though apparently it has not arisen at Blackpool—in formulating an agreement of this kind relates to the position of the few chemists who in most large centres of population occupy highly rented premises. Hitherto it has been accepted that they are justified in making charges above the average, partly because of high overhead expenses and partly because of giving long credit to some of their customers.

An Electoral Scheme

The thoughtful article of Mr. Eric Neal headed "Pharmaceutical Reorganisation" (p. 226) merits discussion by all the branches of the Pharmaceutical Society. In your issue of September 2, 1944, you published a plan devised by Mr. Harry Ridehalgh for territorial representation on the Council. Mr. Neal's scheme also provides for territorial representation; but the difference between the two is considerable. Under that of September 2, Great Britain would be divided into thirteen "regions," the number of councillors allotted to each corresponding roughly with its relative population, and the total number remaining twenty-one. Under Mr. Neal's scheme the country would comprise five areas, each containing "approximately the same number of members." Each area would return four councillors. The novel feature of the author's proposals—for I do not remember any similar suggestion—is that these four councillors should in each area be elected from four classes of pharmacists, engaged respectively (1) in hospitals and public institutions; (2) in manufacturing and wholesale houses; (3) in retail business as employers; and (4) in retail business as employees. I gather from the article that this arrangement would be invariable, forming a Council consisting, except for the three members nominated by the Privy Council, of five members of each type. We have to remember that the four classes mentioned are not equally balanced in the Society's membership, and that in some areas it might be difficult to find candidates from each of the categories.

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COMPANY NEWS

MEJENEL, LTD. (P.C.).—Capital £100. Chemists and druggists, etc. F. Shackleton and Elizabeth C. Boswell, directors. R.O.: 25 Holmdene Avenue, N. Harrow.

H. T. ANDREWS & Co., LTD. (P.C.).—Capital £1,000. Chemists, opticians, etc. William N. Morling and Charles H. Andrews, directors. R.O.: Liverpool Chambers, Liverpool Gardens, Worthing.

FOX, MARTIN-REED, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in vermin and pest destroyers, chemicals, etc. Eric R. and Ena G. Reed, directors. R.O.: 135A Uxbridge Road, Rickmansworth.

G. W. SCADDAN & Co., LTD. (P.C.).—Capital £3,000. Wholesale and retail chemists, druggists, etc. Geoffrey W. Scaddan, M.P.S., and Dorothy M. Scaddan, directors. R.O.: Broadway Pharmacy, Didcot, Berks.

TOM SOYA, LTD. (P.C.).—Capital £100. Manufacturers, wholesalers, processors and distributors of nutritional foods, etc. Cyril R. G. Young and John Dyer, directors (both directors of Ashe Laboratories, Ltd.). R.O.: 120-22 Victoria Street, London, S.W.1.

SUPERFINE POWDERS, LTD. (P.C.).—Capital £6,000. Processors, blenders, refiners and calciners of materials, etc., and to adopt an agreement with G. E. K. Blythe, George, Sam and John Ibbotson; G. E. K. Blythe, T. A. Watson, C. S. Darling, R. C. Wright, and J. H. Martin, directors. R.O.: Russell House, 9 Adam Street, Adelphi, London, W.C.2.

F. W. HAMPSHIRE & Co., LTD.—A final dividend on the ordinary and A ordinary shares of 20 per cent., together with a bonus of 10 per cent., has been recommended, making a total of 50 per cent. (same) for the year.

PROTECTION ORDER.—Under the Liabilities (War-time Adjustment) Acts, 1941 and 1944, Ernest Norman Enfield, manufacturing chemist, 105 Apple Grove, Enfield, Middlesex, was awarded a Protection Order on February 1.

PARTNERSHIP DISSOLVED.—The partnership between John Evans, M.P.S., and George Frederick Rogers, M.P.S., chemists and opticians, 92A Mill Road, Cambridge, under the style of Flanders, was dissolved on August 31, 1943. All debts will be received and paid by G. F. Rogers.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor at Bath not later than Wednesday morning of the week of insertion. Notices are advised to send copies of printed programmes of local activities so soon as they are completed.

Monday, March 12

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY.—Market room, Golden Lion Hotel, Romford, at 7.30 p.m. Mr. R. H. Kemp, Ph.D., "The Future of Proprietary Medicines."

Tuesday, March 13

CHADWICK TRUST: LONDON SCHOOL OF TROPICAL AND TROPICAL MEDICINE, Keble Street, Gower Street, London, W.C.1, at 7 p.m. Mr. Albert Parker, B.Sc. (Director of Fuel Research, Department of Scientific and Industrial Research), on "Atmospheric Pollution" (Chadwick public lecture).

Wednesday, March 14

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 1.45 p.m. Mr. Westwood on "Industrial Relations" (Westwood memorial lecture).

LIVERPOOL BRANCH, NATIONAL PHARMACEUTICAL UNION, Adelphi Hotel, Liverpool, at 7 p.m. Mr. E. A. Brocklehurst (vice-president, N.P.U.) on "A Date with the N.I.H."

GLASGOW AND SOUTH-WESTERN SOCIETY OF PHARMACEUTICAL SOCIETY, Flanders' Institute, 27 Elmbank Street, Glasgow, at 7.30 p.m. Debate: "The Apprehension Question," introduced by Professor Todd, D.Ph.

Thursday, March 15

CHEMICAL SOCIETY, Burlington House, Finsbury, London, W.1, at 2.30 p.m. Professor E. K. Rideal, F.R.S., on "Reactions in Multilayers" (Liversidge lecture).

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 7.30 p.m. Lectures on "Bacteria"; "Colloids"; "Blood"; "Tetany After an Adrenaline Injection." Mr. P. Dobson on "The Value of the Diphenyl in Biochemical Analysis."

Friday, March 16

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 5 p.m. Mr. J. Z. Young, M.D., on "The Structure, Degeneration and Repair of Nerve Fibres."

Sunday, March 18

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Millers' Dale, Peak Forest, near Buxton. Meet Central Station, 8.45 a.m. Buxton return.

Diary Note.—I must make a note in my diary of the day the paper salvager comes round and put some out for me.

TRADE NOTES

Prices Approved.—The Central Price Regulation Committee has approved manufacturers', wholesalers', and retail prices of Powell's balsam of aniseed (Newbery Phillips, Ltd.).

Headache Tablets.—J. E. Ellis, Ltd., Gosforth, Leeds, have introduced a new pack for Daisy tablets for headaches, nerve pains, etc. The tablets are issued in screw-capped bottles in display outers, and others should be placed through wholesalers.

"Triple-cleansing" Ammonia.—Phenomenal sales are claimed for Sprim ("triple-cleansing-strength" ammonia) by the makers, British Disinfectant Co., Ltd., South Grove, Tottenham, London, N.15, who invite chemists to write to department D.1 for special quotations.

Photographic Chemicals List.—A forty-page booklet, listing prices of photographic chemicals and sundries, issued by Johnson Sons, Manufacturing Chemists, Ltd., London Way, London, N.W.4, has been published by the makers and is available to chemists on application.

Liquid Plant Food.—Liquinure Sales, 27 Sturt Oak, Broadway, Edgware, Middlesex, attract attention to Liquinure liquid manure, the seasonal demand for which will soon be at its peak. The preparation, which is in three varieties (general, tomato and onion), is obtainable through wholesalers.

Bonus Offer Discontinued.—Musterole Fine Products, Ltd., Brook House, Park Lane, London, W., announce with regret that they are compelled, owing to increasing scarcity of the ingredients used in the manufacture of Musterole ointment, to discontinue their bonus offer from March 31.

National Milk-cocoa.—Since March 4 a 1-lb. non-returnable tin of National milk-cocoa has been on sale by the manufacturers. The new pack has been produced solely to meet small orders, and the tin will not be supplied where the four-weekly order exceeds 12 lb. From the same date National milk-cocoa will be available to youth organisations in respect of members under twenty-one years of age.

Therapeutic Data.—Rona Laboratories, Ltd., 159 Finchley Road, London, N.W.3, have issued a twelve-page booklet giving chemical and therapeutic data relating to their product Argotone, a specialised solution of silver vitellin and ephedrine hydrochloride in normal saline. The booklet has

been specially written for medical men and pharmacists, and copies may be obtained on application to the manufacturers.

Specially-coated Tablets.—For oral administration, primarily in conjunction with injections of mercurial diuretics, such as Neptal, a specially-coated tablet of ammonium chloride has been introduced by Pharmaceutical Specialities (May & Baker), Ltd., Dagenham. The new product is issued in containers of 25 and 100 0.5-gm. tablets, which are obtainable through the usual trade channels.

"Double-action" Skin Food.—Colloidal Chemists, Ltd., 43 Dover Street, Piccadilly, London, W.1, announce that Squadron-Leader Dick Maddick (a director) is in England again after three-and-a-half years in the Mediterranean, and that, in consequence, the company is "getting into its stride again" with a double-action skin-food, Damaskin. An advertising campaign will open in the "News of the World" during the present month.

Business Changes

DEARBORN (1923), LTD., have removed to Kern House, 36-38 Kingsway, London, W.C.2. Telephone: Holborn 2532.

MR. C. U. WANLESS, M.P.S., has removed to 48 Mersey Bank Avenue, Chorlton-cum-Hardy, Manchester.

Proprietary Articles Trade Association

Additions to Protected List.—*R. J. Reuter Co., Ltd.*, 4711 products, No. 9112, toilet talcum powder, 28s. 6d. doz., tax 27s. 10d. doz., inclusive retail price, 5s. 6d.; No. 9067, matt-creme, 19s. 6d. doz., tax 19s. doz., i.r.p. 3s. 9d.; No. 9167, cold cream, 19s. 6d. doz., tax 19s. doz., i.r.p. 3s. 9d.; No. 9723, Sir hair-cream, 10s. 3d. doz., tax 10s., i.r.p. 2s.

Alterations.—*R. J. Reuter Co., Ltd.*, 4711 genuine eau de Cologne, No. 14, square shape, 121s. 6d. doz., tax 118s. 6d. doz., i.r.p. 23s. 6d.; No. 15, original shape, 78s. 9d. doz., tax 76s. 9d. doz., i.r.p. 15s. 3d.; No. 16, original shape, 42s. 9d. doz., tax 41s. 8d. doz., i.r.p. 8s. 3d.; No. 28, trial size, 1s., 9s. doz., tax 8s. 10d. doz., i.r.p. 1s. 9d.; No. 43, watch shape, 2s. 6d., 22s. 6d. doz., tax 22s. doz., i.r.p. 4s. 4d.; No. 12/1, original shape, 205s. doz., tax 199s. 10d. doz., i.r.p. 39s. 6d.; No. 13/1, original shape, 151s. doz., tax 147s. doz., i.r.p. 29s.; No. 927, flat shape, 24s. 9d. doz., tax 24s. 10d. doz., i.r.p. 4s. 9d. Prices subject to usual quantity terms published in P.A.T.A. year book.

T. & H. Smith, Ltd., Glycodeine, 12s. 6d. doz., tax 2s. 10d. doz., i.r.p. 1s. 9d.; 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 3s. 10d.

BIRTHS

HACKNEY.—On March 2, Evelyn, the wife of R. A. Hackney, M.P.S., 17 Hilton Road, Harpfields, Stoke-on-Trent, of a daughter.

LOTHIAN.—At Prescott House, Ealing, on March 5, Joan Mary (*née* Loney), the wife of John Lothian, M.P.S., 35 Gordon Road, Ealing, W.5, of a son (John Stephen).

DEATHS

ARNOLD.—On February 21, Mr. Stanley Arnold, Harwoods House, Banbury Road, Leamington Spa, formerly of Southsea Pharmacy, King's Road, Southsea, Hants. Mr. Arnold qualified as a chemist and druggist in 1903.

DEAN.—On February 21, Mr. Arthur Alwyn Dean, M.P.S., 67 Horninglow Road, Burton-on-Trent, aged sixty-one.

ESLICK.—On February 17, Mr. Roy Reginald Eslick, M.P.S., Ravenswell, Fernleigh Road, Mannam, Plymouth, aged twenty-nine. Mr. Eslick, who qualified in 1938, was senior pharmacist at the Royal Naval Hospital, Plymouth.

FARTHING.—On February 3, Mr. Herbert William Farthing, M.P.S., 21 Whiston Road, Higher Crumpsall, Manchester, 8, aged seventy-nine.

HILLIER.—Suddenly, on February 18, Mr. Henry Edgar Hillier, M.P.S., 21 High Street, Marlborough, Wilts, aged sixty-seven.

JOHN.—On active service, recently, Flight-Sergeant David Rex John, M.P.S., 4 Stratford Road, Kensington, London, W.8.; he qualified in 1941.

JOHNSTONE.—On March 1, the Rt. Hon. Harcourt Johnstone, M.P., Secretary to the Department of Overseas Trade, aged forty-nine.

MALTBY.—Recently, Mr. Frank Maltby, M.P.S., 46 Silver Street, Lincoln. Mr. Maltby qualified in 1902.

METCALFE.—Following an accident, recently, Mr. John Mason Metcalfe, M.P.S., 74A Lawrence Road, Southsea, aged seventy-three.

MULLIGAN.—On February 16, Mr. Andrew Robert Mulligan, M.P.S., Church Street, Deeping St. James, Peterborough, Northants. Mr. Mulligan qualified in 1919.

RITCHIE.—In Edinburgh, on February 7, Professor William Thomas Ritchie, president, Royal College of Physicians, Edinburgh, 1935.

SCARROTT.—In an air accident recently Sub-Lieutenant Deryck John Scarrott, R.N.V.R., M.P.S., 83 Crowhill Street, Possilpark, Glasgow, N., aged twenty-four.

STALEY.—Recently, Mr. Ernest Staley, M.P.S., Gilda Brook Road, Eccles, Lancs, aged fifty-seven. Mr. Staley had been in business in Eccles for nearly thirty years. He leaves a widow, a son and two daughters.

STEWART.—At 29 Comiston Road, Edinburgh, on February 4, Mrs. Helen Stewart, widow of the late Mr. Charles Stewart, M.P.S.

TRAILL.—On February 25, Mr. Alexander Melville Traill, 91 Glasgow Road, Perth, formerly a partner in Bathgate Co., chemists, Calcutta, India. Mr. Traill qualified as a chemist and druggist in 1900.

WHITELEY.—On August 1, 1944, Mr. Frederick Walter Whiteley, M.P.S., 15 Charminster Road, Bournemouth. Mr. Whiteley qualified in 1910.

WILLS

DR. GEORGE STANLEY WALPOLE, D.Sc. F.R.I.C., Happy House, Bishops Walk, Addington Park, Surrey, left £48,187, with net personalty £28,505.

MR. EDWIN ALLEN, The Old Rectory, Thorne, nr. Yeovil, formerly chairman of John Richardson & Co. (Leicester), Ltd, left £11,611, with net personalty £11,535.

SIR JOHN GUSTAV JARMAY, K.B.E. Spinney Road, Hatfield, Herts, chemical engineer (a director of Brunner Mond & Co. Ltd.), left £21,883, with net personalty £17,664.

MRS. ELIZABETH MILNE KYNOCH CRICK SHANK, M.P.S., 21 Holland Road, Harlesden, London, N.W., wife of Mr. William James Cruickshank, pharmacist, left £18,500. She died intestate.

MR. SYDNEY JAMES COPPING, 9 Arlington Road, Sandy Lane, Petersham, Surrey, formerly with Price's Patent Candle Co. Ltd., and Unilever, Ltd., left £3,819, with net personalty £3,735.

MR. THOMAS JOHN FOWLER, M.P.S., 9 Maitland Road, Sydenham, London S.E.26, formerly in business at Penge, Bromley, Kent, left £2,638, with net personalty £2,346.

MAJOR ROBERT BRIAN BICKERDIKE, D.S.O., Hollyhurst, Pleasington, nr. Blackburn, Lancs (formerly of Bowdler & Bickerdike, chemical manufacturers, Oswaldtwistle), left £17,265, with net personalty £8,490.

PERSONALITIES

MR. FREDERICK YOULDON (glass merchant), who has been a member of the Common Council of the City of London since 1928, was recently elected Chief Commoner.

MR. PERCY BARTER has been appointed Senior Commissioner and the chairman of the Board of Control, Ministry of Health. From 1930-39 Mr. Barter was secretary of the Board.

LIEUTENANT G. F. ROCKE, Grenadier Guards (a director of Wilson & Mansfield, Ltd., essential oil importers), has been awarded the Military Cross for gallantry in action in Holland.

MR. J. J. KERR (registrar of the Pharmaceutical Society of Ireland), who recently underwent an operation at St. Vincent's Nursing Home, Dublin, is reported to be progressing favourably.

MR. R. H. ROWSON, Ph.C. (vice-chairman, Middlesex Pharmaceutical Committee), has been appointed by the Minister of Health a member of the county Insurance Committee in place of the late Mr. Herbert Kinner.

MR. WILL COLLISON, managing director of Blythe & Co., Ltd., manufacturing chemists, Church, Lancs, has donated the premises of the Oswaldtwistle Liberal Club to the local town council "for public use and benefit."

PROFESSOR A. A. MILES, F.R.C.P., has been appointed to the staff of the National Institute for Medical Research from October 1, with a view to his becoming director of the department of biological standards upon the retirement of Sir Percival Hartley in 1946.

LIEUTENANT NEVILLE H. SCHOLLAR, C.S.M.C., F.B.O.A., only son of Mr. N. Howard Schollar, M.P.S., Hinckley Wood, Esher, Surrey, has been promoted Captain in the Royal Army Medical Corps, and is now training recruits at a camp in the North of England.

MR. H. COOMBE, warehouse manager for A. Greaves & Son, Ltd., wholesale chemists, Chesterfield, has retired after fifty-eight years' service. Mr. Coombe served with three generations of the Greaves family, and in the course of his experiences in the drug and heavy chemical trades his advice and help were sought in an extraordinary number of problems, personal and technical, of customers.

MR. J. D'ARCY (secretary, Catholic Pharmaceutical Guild) contributed a letter to the "Catholic Herald" on February 16, in which he pointed out that the Guild was not concerned with the general conditions of pharmacy. He urged members to take a more active interest in the affairs of their local branch of the Pharmaceutical Society.

A PHARMACIST'S WORK IN THE MINES

AN account by a pharmacist of his experiences since being drafted to work in the coal mines was given by "B. E. B." in the "Nottingham Guardian," February 27. The writer in question qualified in 1932, and was directed to Creswell colliery in August 1944. At the Government training-centre to which he was sent all instructors, except those for physical training, were men who had spent the greater part of their lives in the pits. Instruction consisted of lectures, surface duties, and visits underground, where working parties were detailed off for haulage work, propping, packing, ripping, and other operations.

At the End of the Training

"At the end of the month's training I surrendered my identity for that of a lamp number." The first two weeks at the pit after training were spent on the surface—sorting coal and clearing the yards. The first underground job was to release empty tubs from the cage, replace them with full ones and start the empty tubs on their journey back to the interior of the pits. After a spell at this work the writer asked to be put to the coal face, where there was less noise and it was possible to make one's own pace. Quite often this involved walking several miles with barely adequate light, and encumbered by food-tins, water-bottle, knee-pads, hand-lamp, and frequently tools. Often, too, the roads were so low as to necessitate bending double, while at the coal face progress was on hands and knees, with obstacles such as lumps of coal, bags of stone dust and haulage contrivances to overcome. "Some of the hardships could be and ought to be alleviated; others are inherent in the underground environment. Maybe I shall discard some of my sensibilities and prejudices with the passage of time . . . After several months underground it would be insincere of me to say that I would not prefer many occupations to that of mining."

MACHINERY OF PRESCRIPTION PRICING

A MEETING of the West Ham and Eastern District Association of Pharmacists and Branch of the Pharmaceutical Society was held under the chairmanship of the president (Mr. W. H. Cloud), on February 22, when Mr. C. A. CLARK (clerk to the West Ham Insurance Committee and chairman, East Anglian Joint (Pricing of Prescriptions) Committee) delivered an address on "The Machinery of National Health Insurance as it Affects Retail Pharmacists Contracting with Insurance Committees, with Special Reference to the Recording and Pricing of Prescriptions." The speaker was accompanied by Miss K. East (superintendent, East Anglian Joint Pricing Bureau).

Work of Pricing Committee

Mr. Clark paid tribute to, and expressed the gratitude of the West Ham Insurance Committee for, the manner in which chemists in the Committee's area had, during recent years, continued to perform their contracts, notwithstanding the almost overwhelmingly adverse conditions with which they had been required to contend. He pointed out the main features of the terms of service as laid down in the Medical Benefit Regulations, 1936, and amending regulations, and reviewed the constitution and functions of the Pharmaceutical Committee, pharmaceutical service subcommittee, joint services subcommittee and Joint Pricing Committee. In illustration of the volume of work performed by the Pricing Bureaux, he stated that, during 1943, 66,500,000 prescriptions, representing a cost of £3,200,000, or 4.48s. per insured person, had been dealt with throughout the country; and in the East Anglian area alone some 5,700,000 prescriptions, costing about £290,000, had been priced and recorded in 1944. It was the boast of the East Anglian Pricing Committee that, in spite of the difficult war conditions, there had been no undue delay in delivery of certifications for the payment of accounts of chemists in the area.

Practical Advice

To reduce obstacles in the way of smooth and efficient work, he offered the following suggestions:—

Mixtures.—An order for any mixture, etc., not included in the National War Formulary, 1943, or in the British Pharmacopœia or British Pharmaceutical Codex, should be endorsed with particulars of the preparation dispensed by the chemist. If

this was done there would be no need, as the pricing operation was concerned, to refer the order back to the chemist.

Capsules, Pills and Tablets.—Where strength and number were omitted, necessary particulars (unless the National War Formulary specified such information) should be endorsed by the chemist; where tablets and capsules ergot. præp. given were ordered, the chemist should endorse the price paid, as the prices were not included in the tariff or in the accepted list; and where orders for glandular tablets were not indicate whether fresh or dried given was intended, the chemist should indicate how he had interpreted the order.

Proprietary Preparations.—A packed quantity of a proprietary preparation was sometimes supplied where the order only indicated a part of the package. Only the quantity ordered should be dispensed, the provision was made that, if the remainder of a packed size could not readily be dispensed of, a claim for the packed size could be made, the order being clearly endorsed "I claim for . . ."

Dressings.—Difficulty was experienced in pricing an order where the quantity of dressing was not stated, but where the Drug Tariff specified the quantity to be supplied. The chemist sometimes endorsed the order that a quantity other than that specified in the Tariff had been supplied. Difficulty regarding the quantity of boric lint was experienced when the order was for quantity and not size, and the chemist should supply the size corresponding to the number of ounces. A chemist under contract with more than one Committee should send each Committee's orders in a separate batch, with a completed invoice. In certain instances, orders dispensed by chemists East Anglia, but issued by doctors outside East Anglia, had been accompanied by separate invoice forms; this procedure was not necessary. An increasing number of orders was being received upon which alterations were made by someone other than the doctor; any alteration to an order should be initialled by the doctor concerned.

A prolonged discussion followed, during which the speaker and Miss EAST replied to a number of questions raised. Upon the motion of Mr. J. REED, seconded by Mr. F. R. MAXEY, it was unanimously resolved to accord thanks to Mr. Clark for his address and to Miss East for her contribution to the discussion.

CHEMOTHERAPY OF TROPICAL DISEASES

informative address on "The Chemotherapy of Tropical Diseases" was given by L. G. Goodwin, B.Pharm., B.Sc., at a meeting of the National Association of Women Pharmacists held in London February 1, the president (Miss M. C.) a member of the Pharmaceutical Society's Council) in the chair.

Protozoal Diseases

R. GOODWIN dealt with diseases caused by protozoa, and commenced with amœbic enteritis, describing how cysts of *Entamoeba histolytica*, ingested with the food, resided in the small intestine, giving rise to active amœbæ. These attacked the mucous membrane of the large intestine, causing ulceration, passage of blood, and mucus in the stools. Secondary bacterial infection followed, and sometimes amœbæ were carried to the liver by the bloodstream, giving rise to amœbic abscesses. Emetine was lethal to amœbæ, and injections of the hydrochloride effectively controlled the acute stage of the disease, but a full course of emetine-bismuth given by mouth was necessary to eradicate the infection; iodoxyquinoline derivatives and organic arsenicals were also used, often to supplement emetine treatment.

The parasite causing kala-azar (visceral leishmaniasis) invaded and multiplied in the cells of the reticulo-endothelial system, which usually acted as a destroyer of invading organisms. Fever and gross enlargement of the liver and spleen occurred and the patient usually succumbed to a secondary infection. The disease was transmitted by a sandfly. Dogs and some cats were also susceptible, and acted as reservoir hosts of leishmania. The disease was treated by injection of antimony compounds; tartar emetic had been used extensively, but was now superseded by quinquivalent compounds such as stibogluconate. The new drug, stibamine, was of great value in the treatment of antimony-resistant cases. Panosomiasis (sleeping sickness) was caused by a protozoal parasite which was transmitted by the tsetse fly. In advanced stages of the disease the parasite invaded the central nervous system, causing drowsiness and finally death. Tryparsamide was the most effective drug available for treatment of advanced cases; other organic arsenicals were less toxic, but did not penetrate the central nervous system so

effectively. Suramin and the diamidines were effective only in the early stages of the condition. In the later stages they were of little value.

Malaria

Malaria, caused by a parasite of the red blood-cells, had a complicated life-history, with sexual and asexual cycles, and was transmitted by anopheline mosquitoes. Quinine, mepacrine, pamaquin and some sulphonamides were effective in the suppression and treatment of an attack of malaria. Adequate prophylactic doses of mepacrine had considerably reduced the incidence of malaria casualties in the present war. Mr. Goodwin pointed out that diseases could be controlled by interference with one or more stages of the life cycles of the parasites—destruction of insect vectors and reservoir hosts, precautions to avoid insect bites, efficient sanitation, and effective chemotherapy of the disease in man. An attack of a protozoal disease gave rise to no real immunity, and active immunisation with an antigen was therefore likely to remain impossible. The great diversity of chemical structure in the drugs effective in tropical diseases indicated that new drugs could be discovered only by empirical methods until the fundamental processes of the parasite, and its relation to the host, were fully investigated.

IN THE COURTS

Fines for Perfume Offences.—Sam Keller, senior, and Sam Keller, junior, Hinkley, were fined £15 and £60 respectively at Nottingham on February 4 for supplying and displaying perfume without the name and the address of the manufacturer on the container.

Spirit Theft.—At Glasgow sheriff court recently, Alexander MacGregor MacPherson was sentenced to seven months' imprisonment on charges of stealing, in concert with another man, 135 gall. of industrial methylated spirit and afterwards selling 46 gall. of it as a beverage.

Put on Probation.—At Southend juvenile court, recently, a boy of fifteen, described as a dispensary porter, who was accused of stealing a pint bottle of ether and a bottle of ethyl chloride, was stated to have sprinkled some of the contents of the bottles on a handkerchief and invited other employees to "take a whiff." He was put on probation for two years.

OINTMENTS: PAST, PRESENT, AND FUTURE

by John Rae, M.P.S.

THE Seventh Addendum to the British Pharmacopœia contains much that is new, but what will probably concern the pharmacist most is the modernised ointment bases.

Rise and Fall of Pharmacopœial Ointments

The use of ointments and salves dates back to very early times. They were certainly used by the Egyptians, although it is difficult to decide whether they were used principally for medicinal or for cosmetic purposes. All the old dispensaries contain many formulas, generally made with a base of olive oil, beeswax, or lard. An early reference to what was possibly intended as a compound base is that of the pharmacopœia of the London College of Physicians, quoted by Brookes in his General Dispensatory, 1765, consisting of olive oil, white beeswax, and spermaceti. The first British Pharmacopœia, published in 1864, contains formulas for twenty-eight ointments, mostly made with a lard base, or with a mixture of lard, beeswax, and almond or olive oil. The next edition, in 1867, gives thirty-four formulas, but the bases remained unchanged. In 1885 the number had increased to forty-three, hard and soft paraffin being introduced for the first time. The edition of 1898 contained the first official ointment in the form of an emulsion; it contained about 36 per cent. of water, and was called unguentum aquæ rosæ. A new base was included in the same Pharmacopœia under the name of wool fat, and this was used for ung. conii and ung. hamamelidis. The edition of 1914 has little of interest in this connexion except that borax was added to ung. aquæ rosæ to assist emulsification. In 1932 the number of formulas had dropped to nineteen, no change of any importance being made apart from the inclusion of a new base, ung. simplex, which has worked well.

Research on Water-containing Preparations

In the years preceding the present war, considerable research work was done by manufacturers of cosmetics, and of pharmaceutical products, on the production of creams and ointments containing a relatively large percentage of water and other liquids. These preparations were generally emulsions, and when such bases were used for medicinal ointments they were regarded by the patient as a distinct advance over

the older type of base, which was frequently hot, greasy, and difficult to remove. The fact that dermatologists often prescribed such proprietary ointments was due partly to advertising on the part of the maker, but was also an indication that in some respects the official formulas had been found unsatisfactory. Many of these ointments and creams were made with the so-called "self-emulsifying" bases, of which Lanette wax SX is a good example. This is a mixture of sulphonated stearyl and wool alcohols. It is practically foolproof, and suitable for use at the dispensing counter as well as for large-scale manufacture. The finished product is thermo-stable over a wide range of temperature; there is no tendency for water to separate, and preparations containing it do not "sweat".

During the war there has arisen an increased demand for "barrier" creams, to be used as protectives against industrial dermatitis, and experiments with these creams have enlarged the knowledge of suitable substances to use as bases.

Emulsified Ointment Bases

In the Sixth Addendum to the B.P. formula was published for an ointment base containing paraffin and wool alcohols. These are saponification-products prepared from wool fat, and contain upwards of 28 per cent. of cholesterol, to which the property of forming water-in-oil emulsions is due. The ointment of wool alcohols was directed to be mixed with its own weight of water to form a hydrous base used for making ammoniated mercury, sulphur, zinc oxide, and other official ointments. Apparently the compilers of the formula were not too sure about it, as a footnote was added that "If, on storage, some aqueous liquid separates from such ointments, it is readily incorporated by trituration." It is widely considered that for the Pharmacopœia to publish a formula for a general ointment base which is admittedly unstable is extremely unsatisfactory. When made on a manufacturing scale, and stored in bulk, it is almost impossible to ensure adequate mixing before dispatch, unless after making it is filled off into small containers. There is also the risk of any insoluble medicament tending to sink to the bottom if separation of the base takes place—an important consideration in view of possible prosecution under the Food and Drugs Acts.

o far, the demand for the new ointments been small, and the writer's experience making large batches is not yet sufficient to enable him to express a decided opinion as to their value. All batches of the hydrous ointments have separated slightly on storage, and after efficient milling. In a useful monograph on "Wool Alcohols in Official Ointments," by I. Michaels (*C. & D.*, February 24, p. 200), the author stressed the importance of temperature control, and the melting-points of the paraffins used. The present writer's results in the making of small experimental batches have been from satisfactory. It is difficult to make an anhydrous base perfectly smooth, and it tends to become granular on storage; it is, to make the hydrous base so that it is even reasonably stable, unless a homogeniser or ointment mill is available, seems almost impossible. Manufacture is thus limited to many pharmacists.

Alternative Emulsifiers

Possibly, now that the Pharmacopœia Commission has recognised the necessity for an ointment base in keeping with modern ideas, a future edition will see the inclusion of a base made with a better emulsifying agent than wool alcohols. The sulphonated stearyl and cetyl alcohols are undoubtedly excellent and, if such products are protected by patent rights, some means should be devised for their inclusion in the Pharmacopœia. The dermatologist is entitled, when prescribing an official ointment, to obtain for his patient the best that the science and art of pharmacy can offer; otherwise he will of necessity prescribe various proprietary brands. For certain medicaments there should be a big future for an official base made with sodium pectate, methyl cellulose, or similar substance. Such bases are cool, clean, and easily removed.

NEW BOOKS

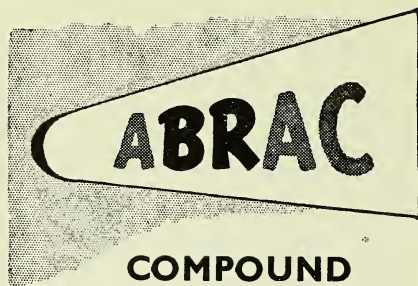
Murrell's "What to Do in Cases of Poisoning."—Edited by Harold C. Broadbidge, M.B., B.S., London. 4 in. by 6½ in. 190. 8s. H. K. Lewis & Co., Ltd., 6 Gower Street, London, W.C.1. Fifteenth edition. The text of the new edition has been brought up to date and the legal aspect of poisoning cases rewritten by the editor, who is H.M. Coroner for the County of Middlesex, Western district.

Colorimetric Analysis.—Noel L. Allport. 4 in. by 5½ in., pp. 452. 32s. Chapman & Hall, Ltd., 11 Henrietta Street, London, W.C.2. The author has endeavoured to keep up current systems of quantitative analysis by the use of colorimetric in place of the usual gravimetric and volumetric methods. Five sections deal respectively with metals; acid radicles; substances of chemical and biochemical significance; alkaloids, hormones and vitamins; and miscellaneous substances. About one-third of the book is devoted to metals. Some twenty-four pages deal with the acid radicles, 16 with substances of biochemical significance, and eighty-eight with alkaloids, hormones and vitamins. Little attention appears to have been paid to colorimetric methods for alkaloids.

First Supplement to Bell's Sale of Food and Drugs.—R. A. Robinson. 8½ in. by 4 in. Pp. 85. 7s. 6d. Butterworth & Co. (Publishers), Ltd., Bell Yard, Temple Bar, London, W.C.2. In this volume many additional notes are made to the main work

on the Merchandise Marks Acts, 1887 and 1926; the Food and Drugs Act, 1938; the Milk (Special Designations) Regulations, 1936 to 1942; the Merchandise Marks (Imported Goods) Orders, Emergency Orders (Foods); and Scarce Substances (Drugs) Order. The additional Acts of 1944 are those relating to milk, food standards, labelling of food, together with miscellaneous Orders dealing with bread, confectionery, meat products and starch food powders. The supplement brings the work of the eleventh edition (1943) up to October 1, 1944.

Bentley and Driver's "Textbook of Pharmaceutical Chemistry."—John Edmund Driver, M.Sc., F.R.I.C. 8½ in. by 5½ in., 644 pp. 21s. Oxford University Press, London. The new edition—the fourth—has been completely revised, and includes many changes made in the interests of greater accuracy and clarity. Part I outlines quantitative analytical methods used to ensure purity in the products of pharmacy, and includes an account of hydrogen-ion concentration, indicators, and determination of pH values. Part II deals with inorganic compounds in common use as well as the organic salts of metals. Part III gives a systematic account of organic compounds of pharmaceutical importance, including alkaloids. Useful analytical tables are given at the end. The first six Addenda to the British Pharmacopœia, 1932, are covered but the book went to Press before the Seventh Addendum appeared.



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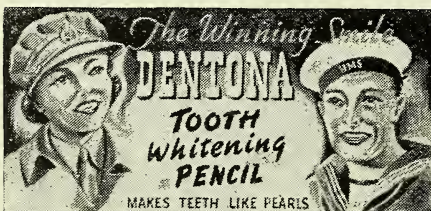
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CXLIII MARCH 10, 1945 NO. 3396

Fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Drugs for Post-war Trade

It has been written during recent months on the prospects of export trade, and it is generally agreed that an extraordinary effort will be required in this section so soon as possible after the end of the European war. The position of manufacturers of pharmaceutical and allied products for the export markets will not be easy unless some means can be found quickly overcoming the prevailing shortage of many important crude drugs. Dealers in these commodities are already receiving enquiries from abroad, and it is obvious that considerable post-war demand will arise for re-exported drugs, which it will not be possible to meet from existing stocks.

World-wide Sources

The problem is principally one of world-wide sources of supply. Many important items, such as agar, benzoin, dragon's blood, gamboge, menthol, peppermint, etc., have been virtually unobtainable for some years as a result of conditions in the Far East. Stocks of these articles have never been so low before, and it is difficult to see how the position can be rectified in the near future. On the other hand, it is not simply a ques-

tion of purchasing goods from sources of supply now open to trade; space must be found in ships, and labour must be available for collection. During the war a moderate amount of crude drugs has been imported under official sanction, but there has never been sufficient to form any sort of reserve. As a rule, importations are quickly taken up, with the result that the markets are perpetually bare of supplies. While regular consumers can doubtless maintain their products under such a system, the position of a manufacturer who wishes to establish new exporting companies, or to increase his stocks for the same purpose, is well-nigh impossible.

Work Already Done

It must not be thought, however, that those responsible for the importation of crude drugs are not fully alive to the position as outlined, and it is understood that a considerable amount of work has already been done on the matter. The problem of shipping space, according to one suggestion, could be overcome by allowing a higher priority for crude drugs than has been given in the past, while it is urged that much greater quantities should be imported, so as to permit reasonable supplies to enter the open market.

A Hint to the Board of Trade

CONTINUED questions in the House of Commons about shortages of feeding-bottle teats have prompted the President of the Board of Trade to announce that chemists locally are being asked for details of deliveries of teats to them during a given period.

Whatever the purpose of the investigation, it is difficult to believe that the resulting information will be of any great practical value. Enough rubber is understood to have been released by the Government in 1944 to provide one teat for every baby in the Kingdom. Allowing for breast-fed babies, who need no teats, this should, given equitable distribution, have provided a sufficiency for all requirements. There is no reason, so far as we know, to suppose that the manufacturers have failed to use the allotted materials for the authorised

purpose. Pharmacists know, however, that adequate supplies have not been reaching them. That being so, the most the investigation can show is that the goods have failed to flow through the normal channels—a fact already sufficiently well known.

What happens to the teats if the chemists do not get them? We have good reason to believe that what occurs is something like this: An order accompanied by cash is placed with a manufacturer by a person or company purporting to be a principal distributor of sundries in a county or town. The correct price is paid, and from the manufacturer's point of view the transaction is in every respect but one entirely normal and satisfactory. The one weakness is that the "distributor" is not an established wholesaler with whom the manufacturer has for many years been doing business. Having secured his teats, the purchaser proceeds to distribute them, not through chemists, and not at the regulation price, but to any general trader who is prepared to pay the inflated price asked. At the consumer's end, an exasperated mother, having visited several chemists without success, learns from a friend that a teat may be had at a shop she names. "But, mind you, you'll have to pay a bit more for it." By this time the mother is prepared to pay almost any price provided she can get the baby fed without all the futile business of using a teaspoon. Such prices as the following are understood to have been current: Manufacturer's price, 2s. doz. (cash); distributor's price to retailer, 14s. doz.; retailer's price to customer, 2s. each.

The Right Point of Attack

Will the projected Board of Trade inquiry throw any light on such "black market" business? Obviously not. Our advice, therefore, to the Minister is that he should approach manufacturers and require them to restrict deliveries to old-established and well-recognised distributors to whom they supplied teats in the days before the shortage. By so simple a device as that he can ensure that any extra allocation of rubber he makes is not misdirected to provide fancy profits for unfair traders, but that the goods really reach the people who need them, and at the legitimate price.

Current Burn and Scald Therapy

IN the years preceding the war, deaths from burns and scalds totalled 70 annually, and many thousands who did not die nevertheless constituted considerable losses of manpower in industry and school hours, as well as accounting for many crippling deformities. Under conditions of modern war, in which explosives, incendiaries, etc., play such a prominent part, the treatment of burns has become one of the major problems of war surgery and it is not surprising that the considerable experience accumulated has resulted in new methods of treatment being introduced.

In a report on burns and scalds issued by the Medical Research Council, an account is given of progress to date. The report is in five parts. The first describes the essentials of first-aid treatment (relief of pain, precautions against pathogenic organisms on burned surfaces, etc.). Part II deals with the control of infections hitherto regarded as inseparable from deep burns. The importance of special centres with experienced nursing staffs to provide a high standard of aseptic ward technique is emphasised. Burn shock, which is responsible for the highest proportion of deaths from burning, is dealt with in the third part of the report, which also discusses replacement therapy. The development of anæmia in burned patients is considered in the next section, which supplies evidence that such anæmia is not merely the result of compensatory dilution of the bloody return of fluid from the tissues. Several biochemical changes found in a series of seventy burned patients are described in Part V, which also calls attention to the large loss of blood-plasma protein in burns and scalds, while Part VI deals with post-mortem findings and supports the currently held view that tannic acid treatment is usually associated with necrosis of the living tissue.

Obviously many problems remain to be solved. It is still not clear why damage to the skin (sometimes, in children, involving only one-tenth of the body surface) should so frequently prove fatal. The prevention of septic infection remains a difficult problem in most deep burns and even

ity of the superficial ones, while a whole n of metabolic problems is raised by n-continued suppuration and exudation n burned surfaces. The report forms a prehensive review of the present state edical knowledge on the subject and an aluable addition to the reference library he pharmacist. Copies (price 4s. each) obtainable from H.M. Stationery Office.

Drug Prices in 1944

RIATIONS in the C. & D. index of drug chemical prices in the past year are pared, in the table below, with the res for the previous year.

Month	1943	1944
January	134.3	134.6
February	134.2	134.7
March	134.2	134.7
April	134.3	134.7
May	134.3	134.8
June	134.4	134.8
July	134.4	134.8
August	134.4	134.9
September	134.4	134.9
October	134.4	134.9
November	134.4	135.2
December	134.6	135.2

It will be seen that the stability of prices is again maintained, although the overall rise was slightly greater than that of the preceding year (0.6 against 0.3).

Fragrant Diplomacy

COLUMNIST in the "Manchester Guardian" comments on Mr. Churchill's gift, while at Cairo recently, of amber, musk and mine to the King of Saudi Arabia. "Even an old resident may at times want an anti-toxic," he quotes from a correspondent, "to the smell of camels and goats in a hot place like Riyadh." King Ibn Saud is described as a notorious devotee of perfumery. It is even understood that he employs a special buyer or "taster" to maintain supplies at a suitable level of quality and quantity, and that he "comes" in his Court something like a crate of eau de Cologne, lavender water, and French perfumes. For this information, obviously, we cannot vouch, though the fact that two other near-Eastern territories,

Syria and the Lebanon—both Arab countries—are looked upon as French spheres of influence, despite their "independent" status, suggests the possibility of a firm economic basis for future co-operation between the two peoples. The fragrant diplomacy Mr. Churchill has recently engaged in may be recommended—not too seriously—to the Department of Overseas Trade and leading British perfumery manufacturers as a means of expanding this country's post-war export trade. It is not to be overlooked, moreover, that the prospects of reconciliation between two sections of the industry in this country might be improved by an exchange of each other's creations.

MEDICAL ABSTRACTS

Digitalis Dosage.—In view of the narrow zone between therapeutic effectiveness and toxicity in digitalis, resulting in more frequently observed toxic manifestations from over-dosage during the past few years in the United States, Hermann and others ("Journal of the American Medical Association," 1944. II. 760) recommend medical practitioners to become versed in the use of one good powdered leaf digitalis, preferably prepared by a manufacturer who grows his own digitalis and standardises it in his own laboratory. It is recommended that the drug should be put up in gr.- $\frac{1}{4}$ tablets, so that three tablets may be taken daily over a period without toxic effects.

Yeast as Food.—A monograph on the nutritive value of yeast ("British Medical Journal," 1944. II. 796) describes yeast as, "weight for weight, the most nutritious foodstuff known." The small amounts added to bread are negligible from the nutritional viewpoint, but on a dry weight basis yeast contains some 50 to 60 per cent. of protein, a proportion not rivalled by any flesh. Among essential amino acids contained in yeast are tryptophane, methionine, valine, leucine, isoleucine, histidine and lysine. It contains potassium, phosphorus and iron in valuable amounts, and is an excellent source of the B vitamins, as well as containing 0.5 to 0.6 per cent. glutathione and ergosterol, 40 per cent. of glycogen, 2.4 per cent. lecithin, and 26 per cent. nucleic acid. On irradiation the ergosterol content of yeast is transformed into an amount of calciferol equivalent to 3,000 to 4,000 international units of vitamin D per gm.

GLASGOW "BRAINS TRUST"

A MEETING of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society was held on February 14, Mr. A. Officer (president) in the chair. In the absence through indisposition of Mr. R. McAdam (secretary), Mr. Hughan was appointed to act in his place. MR. DAVID CURRIE (a member of the Branch and a candidate for the Council) outlined his views on educational policy, publicity for the pharmacist, and the proposed National Health Service and its relation to pharmacy. Afterwards he dealt with a number of points raised by members. A resolution was put by the chairman pledging members of the Branch to support Mr. Currie in his candidature; this was carried unanimously.

Stirling Case Discussed

A recent case in which several Stirling pharmacists were involved was then discussed. It was pointed out that the pharmacists concerned had been advised to plead guilty, and several members expressed the view that the case should have been defended. MR. W. SPENCE CULBERT declared that if the pharmacists had fought the case they would have been found guilty. MISS CUTHBERT, Stirling, said the public did not realise what was involved, and the general impression was that the men had done something seriously wrong; everything hinged on whether water was an inert substance or not. MR. R. MACCRONE said that an inert substance was one that was recoverable from the solution and did not interfere with the basic drug, and therefore water was inert. MR. COLIN CAMPBELL said this could be disputed; only sterile water was inert.

"Brains Trust"

Thereafter a series of questions was put to a "brains trust" consisting of Messrs. Officer, McCrone and Hughan. The following were among the questions put and answers given.

Is the Society unable to prohibit the use of "Chemists' Sundries" on the shop-front of a drug-store in Glasgow?—Whether "Chemists' Sundries" is actionable or not depends upon the relative size of the two words. If the word "Chemists" was large and the word "Sundries" small, action might be taken.

Are the police entitled to inspect the Poisons Register in addition to the Dangerous Drugs Register?—Police are entitled to do so for the purposes of Dangerous Drugs Acts, but

otherwise it is a matter of courtesy on part of the pharmacist. It is possible in a case where inquiries in connexion a crime were in progress, refusal would be "obstruction" of police, and an offence.

Is a pharmacist entitled to supply strychnine to a veterinary surgeon for destroying vermin?—Such a sale is unlawful, and the pharmacist should not supply it if he is aware of the real purpose for which it will be used.

A pharmacist refused to dispense a prescription for a Dangerous Drug because there was no statement of dosage. The prescription was subsequently dispensed by another pharmacist. Which pharmacist was correct?

—The second pharmacist was correct, there being no requirement that the prescriber should indicate the dose to be taken. It should be noted that this does not apply in the case of prescriptions for substances in the Fourth Schedule, where the dose must be stated.

Is an aqueous dilution of liquor. morphine a preparation of morphine, such as Nephenthe, a Dangerous Drug?—No, provided it is diluted to contain less than the equivalent of 0.2 per cent. anhydrous morphine.

In doing short periods of locum work is it compulsory for me to exhibit my registration certificate in each set of premises where I am in control?—Yes. There is, however, a small-size registration certificate for the use of those who require one for convenience in transport. This is not intended for general use, but is recommended for use by chemists who require a certificate of a more convenient size. The smaller certificate will be supplied on request, the larger certificate being surrendered on issue. A fee of 5s is payable by those who have certificates changed in this way.

One Outcome of M.O.H. Bulletin.—

If, when you ask for castor oil
The question's popped, don't blush, record!

But aid your chemist to appease
Whitehall's new appetite for fleas;
Th' elusive, puny parasite
Who, though he doesn't bark, can bite.

Don't fidget over income tax,
Wait for the tickling on your backs,
And if across your twitching knees
He leaps as from a high trapeze,
Switch on the light, and then by stealth
Support the Ministry of Health.

Your native apathy resist—
And take him to the pharmacist.

—From "Cavalcade"

APATHY OR FRUSTRATION?

sons for the poor representation of branches at the Society's annual meetings. One of the subjects discussed at a meeting of the Peterborough Branch of the Pharmaceutical Society on February 22, F. D. Middleton in the chair. The speaker was Mr. T. Heseltine (a member of Council), who took as his subject "Current Affairs." Mr. HESELTINE said he had recently noticed in the "Situations Wanted" columns of the Press: "Square-necked." He would have no objection if applicants called themselves "subsidised," as the approximate cost to the Society of each student was between £200 and £300 per annum. All pharmacists holding the same qualification had passed the same examinations, had answered the same questions, and were, he considered, entitled to the same status, at whatever school they had been trained. He described as extremely satisfactory the progress of the International Pharmaceutical Union Business Purchase and Guarantee Fund, and said the J.I.C. wages agreement was a great step forward; it was the first occasion in the history of pharmacy when employers and employees had sat at the same table and decided to arrive at a uniform scale of wages. The scale must not be regarded as the last word. He was all in favour of warnings rather than prosecutions when dealing with new regulations and amendments to the poison laws.

Council Described as Unrepresentative

Mr. B. WRIGHT said that at a recent Branch Representatives' meeting only 10 per cent. of branches had been represented. He suggested this was due not only to apathy but to a feeling of frustration, it being the increasing opinion of many branches that all important decisions were made by the Council without reference to the delegates, whose proposals were even ignored by the Council. The present Council was not representative of the pharmacists of the country, and he advocated territorial representation.—Mr. HESELTINE did not support the idea of territorial representation, which he thought would not make for a strong Council. Mr. A. DUFFIELD suggested that the Council could be elected in a manner similar to Parliament; each member would then know his representative. The majority of chemists did not at present know anything about the candidates they voted for. Mr. HESELTINE agreed that there were

difficulties, and added that, when some members were successful at the election, they afterwards found it impossible to carry out the plans they had outlined in their election campaign.

Mr. A. R. L. EVANS suggested that pharmacists leaving the Forces would be greatly attracted by State service, with its prospect of high wages and security, but Mr. HESELTINE felt, from his own experience, that the average man would rather pay to get out of State service.

Mr. A. F. MILLER, Ramsey, who asked how much dispensing in the Forces was performed by qualified chemists, was given approximate figures and told that the position was improving.

Table Manners at Fault?

Mr. S. DEVONSHIRE asked if the biggest bar to the qualified chemist obtaining a commission in the Forces was not the Medical Officer, who felt that the pharmacist was on a different social level.—Mr. HESELTINE suggested that if there were any truth in this assertion it was high time the pharmacist learned how to use his knife and fork.

Mr. A. R. L. EVANS, proposing a vote of thanks, said that, at the previous Council election, the names of candidates had been considered by the Branch on a territorial system, and Mr. Heseltine's name had gone forward as a recommendation for the north-eastern region. After listening to his address and handling of questions, members were satisfied that no mistake had been made. Mr. G. W. DRING, seconding, considered Mr. Heseltine "the most live-wire member of Council ever to address the Peterborough Branch." A collection for the Benevolent Fund realised £3 3s.

Treatment of Synthetic Tyres.—Ordinary patches can be applied to synthetic inner tubes for automobile tyres, but greater care is necessary. The seat of the puncture should be cleaned with petrol and the surface buffed, for better adhesion. Solution should be employed. Synthetic tubes can be cold-patched, but only as a temporary measure. For a satisfactory and lasting repair, all tubes should be vulcanised on a hot plate and with a solution having a texture as near that of the tube as possible. Charts, explaining the repair of synthetic covers and tubes, have been issued to all authorised repairers. Makers recommend inflation before storage.

NORTH WALES DISCUSSES N.H.S.

MR. F. C. WILSON (a member of the Pharmaceutical Society's Council) addressed a meeting of the Anglesey and North Carnarvonshire Branch of the Society at Bangor on February 21, Mr. M. W. Lloyd (Colwyn Bay) presiding. MR. WILSON said the chief concern of pharmacists was the possibility of local authorities opening up clinics and health centres with dispensaries in every town and village. The development of a National Health Service would mean that a pharmacy dispensing 10,000 scripts per annum would have to be prepared to dispense 20,000. Pharmacies would have to be re-equipped, and chemists would require assurance of permanency.

MR. G. HUGHES said he would like an assurance that the Pharmaceutical Joint Committee would not accept a clause in the White Paper whereby persons coming under the scheme could go to their doctor privately and pay for treatment. This gave the impression that N.H.S. was second-rate, and that better treatment was available on payment.—MR. EDWARDS disagreed with this view, and said there must be freedom of choice. To reject the clause would antagonise doctors and patients.

MR. WILSON replied that the Committee had accepted the clause. THE BRANCH SECRETARY read a circular from the Nottingham Branch, referring to the Court action in overruling a decision made at Branch Representatives' meeting in November 1944, requiring the Council include a representative of the company of chemists on the Joint Committee. Nottingham had asked each candidate in Council election to define his views on the matter, and gave a list of candidates who had pledged themselves to oppose "dictatorship" of the Council. Support for these candidates was urged.—MR. WILSON said that, in the first place, it was not a resolution, but an amendment by the Nottingham Branch, which had been sprung on the meeting without notice, so that delegates could not have had a mandate from their branches. Bearing in mind that at an earlier conference, at which the resolution had been turned down, the motion was in proper order, he thought the Council had acted wisely. A vote of thanks was proposed by MR. NEVILLE, seconded by MR. EIRWYN OWEN. A collection for the Benevolent Fund amounted to £5 12s. 6d.

COUNCIL CANDIDATES AT LEICESTER

MEMBERS of the Leicester Branch of the Pharmaceutical Society were given the opportunity on February 21 of hearing the views of four candidates in the forthcoming election to the Council of the Pharmaceutical Society. MR. GRANVILLE SHAW, Nottingham, urged that company chemists and employees should be represented on the Pharmaceutical Joint Committee. He urged that the Branch Representatives' meeting, which had no legal standing, should be regarded as "pharmacy's House of Commons"; and, in a reply to MR. WARD, said he was willing to oppose health centres, though the question rested with the Government.

MR. W. E. PHILLIPSON, Manchester, described his policy as being "professionalism against commercialism." He believed that the Society alone, as the educational and disciplinary body, should prepare pharmacy's case, though the Society could not negotiate. Answering MR. COLLIS, he said the Council should not have authority to reject resolutions passed at Branch Representatives' meetings.

MR. HARRY STEINMAN, Manchester, urged unity and co-operation; and main-

tenance of or improvement in the status of individual pharmacists; he would scrutinise any suggestion to increase membership fees. The Society should be entrusted with carrying out the Pharmacy Acts, but the National Pharmaceutical Union should do the negotiating in connexion with the proposed National Health Service. MR. WARD asked how far the Society's Council was in a position to keep company chemists off the Joint Committee. MR. STEINMAN replied that there were six members representing the Society, six the N.P.U., and three members from Scotland. The N.P.U. had done all in its power to secure company and employee representation.

MR. JOHN GILMOUR, Liverpool, said the White Paper was conspicuous, so far as pharmacy was concerned, by what it did not say. If he were a member of Council he would not be browbeaten from outside. If pharmacists were not satisfied, now was the time to protest, and there was no better way than by changing the Council. It was better to have differences aired on the Joint Committee than outside; otherwise the Minister would certainly hear the views of trade unions by other means.

BRIGHTON CALLS AN AREA CONFERENCE

problem of finding an adequate place for pharmacy when the new national health scheme should come into operation was discussed at a special meeting of the Brighton and Hove Association of Pharmacists and local branch of the Pharmaceutical Society, attended by delegates from the Redhill and Reigate, West Sussex, Hastings and St. Leonards Branches of the Society, held at Brighton on February 28. The general problem was outlined by Mr. D. W. HUDSON (president, Brighton and Hove Association), who suggested that the best alternative to the present method of providing a pharmaceutical service would be a scheme in which both pharmacists and hospitals had a place as suppliers of drugs.

Hospitals' Place in N.H.S.

A paper on "The Hospital Pharmacist and a National Health Service," prepared by Messrs. A. C. Walmsley (senior pharmacist, Royal Sussex County Hospital, Brighton), J. G. G. Benzie (senior pharmacist, Municipal Hospital, Brighton), and E. Costick (pharmacist-in-charge, Hove General Hospital), was read by Mr. Costick, who emphasised that only fully-qualified pharmacists, and not holders of the Apothecaries' Hall qualification, should be employed at hospitals. The value of the drugs per patient used in hospitals was comparatively so small as to be hardly worth worrying about.

The necessity for adequate revision courses, especially for pharmacists returning from the Forces, was stressed by Dr. B. MACKIE (head of the department of pharmacy, Brighton Technical College), who said that in the past ten years the public had become better educated in relation to the pharmacist, and now knew what was what. Persons who had qualified ten or twelve years ago were beginning to feel rusty, and he thought it would be a good idea that they should satisfy themselves that they were keeping abreast of the times. Dr. Mackie's suggestion for refresher courses was that each session should last three to four hours, with a break for a smoke and a cup of tea. One intensive course would make fifty hours within a fortnight. The cost would be the cost of materials only. If pharmacists in the Forces, Dr. Mackie said: "When they come out they're going to feel at sea. We must see they get a square deal—that is, not a one-month's revision course. If they've got the ability,

let them go for another year's course." He also said he wanted to see a closer liaison between physician and pharmacist.

"The chemist must be a technician today," said Mr. L. WATSON, Brighton. "That means he must have knowledge. The only way to get this is to attend classes as Dr. Mackie suggests." Mr. A. C. WESTON, Reigate and Redhill, stated: "The pharmacist's function should be to provide treatment. The doctor provides the diagnosis." Concentration of pharmacists was favoured by Mr. C. W. FIRTH, Reigate and Redhill, because, he explained, it would (1) cut overheads; (2) increase the number of pharmacists in each business; (3) increase the remuneration to each; and (4) increase available leisure. Agreeing with this contention, Mr. HUDSON added: "There must also be control of the number of new establishments in a district." A retort came from Mr. W. J. BUSH, Redhill, that licences would create a tremendous monopoly value for existing pharmacies.

Pessimism About Remuneration

The question of payment under the new scheme was uppermost in many minds. On this, Mr. O. L. CARRINGTON, Redhill and Reigate, commented that a fee to pharmacists according to the number of patients registered with them would lead to touting. "We've got to realise that, when we're dealing with the Government, we're dealing with very hard-hearted people," cautioned Mr. G. POWELL, Reigate and Redhill. "It's no use asking for the moon. There are 20,000 chemists in this country, and we need all the prescriptions that are going; 35,000,000 insured people with a frequency of five will mean only about 140,000,000 prescriptions annually. We're not going to get very far with that." He also suggested that there should be a definite profit margin on drugs, that deliveries should be undertaken only if the prescriptions were so marked by the doctor, and that bottles should be sold and not handed out on deposit.

Mr. F. W. HEYWARD, Reigate and Redhill, gloomily predicted that the Government "would not give anybody anything"; and Mr. G. CHECKLEY, Eastbourne, remarked: "Whether we favour a national service or not, we shall get it. They don't seem to consult us much about it." When the new scheme came in, he warned, pharmacists could not be too sure they would get paid very much for what they did.

NATIONAL PHARMACEUTICAL UNION

A MEETING of the Executive of the National Pharmaceutical Union was held in London on February 28, Alderman W. J. Tristram in the chair. THE CHAIRMAN paid a tribute to the late Mr. W. W. Atkinson (a member of the Executive since 1932, and chairman of the N.P.U. in 1937), and a resolution of sympathy with his relatives was adopted. The secretary was also instructed to send a suitable letter of sympathy to the Southampton Branch of the N.P.U., and to the Southampton Pharmaceutical Committee.

MR. E. ATKINS tendered his resignation as a member of the Executive, following his acceptance of a Government appointment overseas and consequent retirement from retail pharmacy. The chairman accepted Mr. Atkins' resignation with regret, and thanked him for services rendered to retail pharmacy during his term of membership of the Executive.

THE CHAIRMAN congratulated Mr. T. Heseltine upon his election as president of the Chemists' Friends Association for the ensuing year. Mr. E. A. Brocklehurst was elected N.P.U. representative on the C.F. Council in place of the late Mr. W. W. Atkinson.

It was resolved that by-elections should be held in the Southern Division 2, and in the Metropolitan Division, to fill vacancies which had occurred on the Executive owing to the death of Mr. Atkinson and the resignation of Mr. Atkins. Reports of meetings of the accounts and the business services committees were received and approved.

Business Purchase and Guarantee Fund

THE SECRETARY reported that he had sent a brief summary of the objects of the Business Purchase and Guarantee Fund to the trade Press, setting out the scope of its operation and giving an assurance that no list of members would be published, as all investments in the Fund would be treated as confidential, and that a list of donations to the Fund would be announced in due course. The reception of the Fund up to February 20 was encouraging, and it was resolved to set a target figure of £250,000. An offer was received from Calvert & Co., Ltd., Manchester, to lend £1,000 for a minimum period of ten years, interest-free, subject after that time to recall at twelve months' notice. It was resolved to send a letter of thanks accepting the offer and to circulate the proposal as a suggestion for adoption by other manufacturers.

THE SECRETARY submitted proposals establishing a Business Transfer Register and it was resolved to adopt the proposals and compile registers of businesses for sale and of prospective purchasers forthwith.

Donation from "The Chemist and Druggist"

THE SECRETARY reported the receipt of an unsolicited donation of £500 to the Business Purchase Fund from Morrison Bros. (Publishers), Ltd., proprietors of THE CHEMIST AND DRUGGIST, and the Executive instructed him to send a letter of thanks to the company for its generous support of the Fund. It was resolved to appoint Messrs. Ernest J. George & Co. as official valuers to the Fund.

Joint Committee on Pharmaceutical Services

A report of a meeting of the Joint Committee on Pharmaceutical Services, held on February 9, was received and approved together with a document prepared at the request of the Joint Committee by its joint secretaries, for submission to the body at its next meeting. It was intended that the document, when agreed, should be submitted to the Minister of Health and subsequently published in the trade Press. Mr. E. A. Brocklehurst was appointed deputy representative on the Committee.

THE SECRETARY reported the result of an inquiry into the distribution of feeding bottle teats which had been carried out by the N.P.U. at the request of the Board of Trade. He also reported revised arrangements for the fixing of Drug Tariff prices for vaccines and sera.

The report of a meeting of the Drug Trade Council held on January 25 was received and approved.

War Funds

THE SECRETARY reported that, since the previous meeting of the Executive, the claims had been made upon the N.P.U. Air-raid Assistance Fund. It was resolved that the cover provided by the subscription which had been called up in September 1944, and which expires on March 2, should be extended for a further period of three months. Weekly payments being made under the War Distress Fund in respect of three cases were reported. A grant of over £150 was reported to have been given in one case to re-establish a chemist's business. The total subscription to the Fund was £32,832.

(To be concluded)

TRADE REPORT

quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include the war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, March 7

Reports to hand this week indicate, although some inquiry has been received, business on the whole has con-
tained quiet. With one or two exceptions, prices remain at about the levels recorded last week. In PHARMACEUTICAL CHEMICALS changes have been notified in makers' schedules, and business generally has been rather restricted lines.

Most of the business in CRUDE DRUGS again come from the home consuming countries, with the total turnover done up to the recent average. A substantial advance is recorded in CANADA BALSAM. LADONNA ROOT continues scarce on the market. BENZOIN is wanted, but there are no supplies available to meet the demand. Activity is noted in BISMUTH METAL. POTASSIUM is very scarce on spot. Supplies of ORPIMENT are small, but the price is steady. BARK is difficult to find, and the price nominal. A few advances in prices of CAUBA WAX are noted.

Little of interest has occurred during the week in ESSENTIAL OILS, and prices remain about the levels previously recorded. The Ministry of Food announces that there will be no change in the existing prices of CRUDE OILS and FATS and TECHNICAL FATS allocated to primary wholesalers and large trade users during the four weeks ending March 31.

Exchange Rates on London

During February the Foreign Exchange rates in London remained steady. Bank of England rates include: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 10 florins; Lisbon, 100 escudos; Stockholm, 10 kronor. The Spanish rate is steady at 166 pesetas, and the Chinese National dollar is at the January figure of 33½d.

Pharmaceutical Chemicals

ATROPINE.—Prices have been revised as from March 8, as follows:—

	Oz.	4 oz.	25 oz.
	s. d.	s. d.	s. d.
Atropine, B.P.	42 6	42 0	41 6
Atropine, B.P.	34 0	33 6	33 0
Atropine, B.P.	75 0	—	—
Atropine, B.P.	75 0	—	—

There is no alteration in the prices for HOMATROPINE or Pilocarpine.

ACETANILIDE.—Makers' prices are steady at 2s. 5d. per lb. for crystals, and 2s. 6d. for powder.

BENZYL BENZOATE.—Available for approved purposes at from 4s. 6d. to 5s. 6d. per lb., according to quantity.

BORAX.—Makers' current rates are unchanged: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

CALAMINE, B.P.C.—Prices are steady as follows: 7-lb., 1s. 8d. per lb.; 28-lb., 1s. 6d.

CITRATES.—Makers quote POTASSIUM per lb., in 28-lb.-1-cwt. lots, as follows (containers in brackets): 3s. 3½d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. 0½d. (14-lb.); 3s. (28-lb.); IRON and AMMONIUM (SCALES), B.P., is at 5d. per lb. above, and SODIUM is at 1d. per lb. below these prices. POTASSIUM and SODIUM POWDER, one penny per lb. extra.

DIAMORPHINE.—Current rates per oz., for small quantities, are as follows: BASE.—½ oz., 58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: BASE.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14-lb., 3s. 4d.; 28-lb., 3s. 2d.; granular, one penny per lb. extra.

PHENOLPHTHALEIN.—Current rates are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

SANTONIN.—Home trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2-4 kilos, £64; 1 kilo, £65; 500 gm., £66; 250 gm., £67; 100 gm., £68; less than 100 gm., £69 per kilo. Carriage paid in United Kingdom.

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for antiseptics of the chloroxylenol type.

THEOBROMINE.—The following prices are ruling: ALKALOID.—Smalls, 44s. 6d. per lb.; 7 lb.-28 lb., 43s. SODIUM SALICYLATE.—Smalls, 26s. 3d.; 7 lb.-28 lb., 25s. 3d. Tins extra when supplied.

VANILLIN.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

ALOES.—There are no spot supplies of Cape. A little Curaçao may be had at 32os. to 35os. per cwt.

ARECA NUTS.—Dealers continue to quote wormy Ceylon at 9os. per cwt.

BALSAMS.—*Canada* is considerably dearer on spot at 11s. 6d. per lb.; *Peru*, firm at 7s. 9d. to 8s. per lb., duty paid; *Copaiba* and *Tolu* are unobtainable.

BELLADONNA.—Indian leaf continues firm on spot at 6s. 1d. to 6s. 3d. per lb., according to test. Only low-testing root is available.

BENZOIN.—Demand continues, but spot supplies are exhausted.

BISMUTH.—Fair activity in metal at 6s. 3d. per lb. for 5-cwt. lots.

BUCHU.—New crop is quoted at 5s. 3d. per lb., landed.

CLOVES.—Sellers of Zanzibar on spot at 1s. 5½d. per lb.

COLOCYNTH.—Fair white pulp is quoted on spot at 2s. 10½d. per lb.

DIGITALIS LEAVES.—No change in either Portuguese or English, which are quoted at 14os. per cwt., and 2s. 6d. per lb., respectively.

ERGOT.—Good-quality material, if available on spot, would be worth 6s. 6d. per lb.

GUM ACACIA.—Kordofan cleaned sorts, spot, 75s. per cwt.; bleached, spot, 175s.; Talha, cleaned, 5os. per cwt., landed.

HENBANE.—Indian, 25os. per cwt.; some low-testing material may be had at 6os. per cwt.; Russian, 35os.; Egyptian (*muticus*), 75s.

JABORANDI.—In small supply on spot. Price remains steady at 65s. per cwt.

JALAP.—Small quantities of material testing 12½ per cent. are available at 5s. per lb.

KAMALA.—Material yielding 6 per cent. ash would be worth 2s. 6d. per lb.

MENTHOL.—Brazilian, afloat, 82s. 6d. per lb., duty paid, landed.

NUX VOMICA.—Cochin, spot, steady at 37s. 6d. per cwt.; shipment, 31s. 6d., c.i.f.

PIMENTO.—Sellers on spot at 1s. 3½d. per lb.

RHUBARB.—Spot supplies are exceedingly difficult to find.

SENNA.—Alexandrian medium pods are at 4s. per lb.; Tinnevely, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.. Tinnevely, No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Indian, dried and sliced, 4os. to 45s. per cwt., according to quantity. Portuguese, 8os. to 87s. 6d.

STRAMONIUM LEAVES.—Dealers quote Indian leaves on spot at 8os. per cwt.

STROPHANTHUS SEED.—Spot price of 100 per cent. Kombé seed is steady at 7s. to 7s. 6d. per lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £10.

VALERIAN ROOT.—Powder ground from root may be had on spot at 12os. per cwt.

WAXES.—**BEES'.**—Available in London at the following prices per cwt., delivered at store, U.K., effective October 16, 1910, for lots: Madagascar crude, 205s. to 230s.; sorts of crude, 238s. to 245s. (Calcutta unavailable); British refined, 275s. to 300s.; British bleached slabs, 300s.; British bleached discs, 320s.; lots of under one ton, at premium as follows: 10–20 cwt., 2s. 6d. per cwt.; 20–50 cwt., 5s. per cwt.; 50–100 cwt., 10s. per cwt.; 100 cwt. and over, at premiums as arranged by Association members at their discretion. **CARNAUBA.**—Fatty grey, 535s. per cwt., ex store, in minimum one-bag lots; shipment, 405s., c.i.f.; Prime, 570s. per cwt., ex store; shipment, 410s., nominal, c.i.f.; medium yellow, 535s., nominal, c.i.f.; shipment, 445s., nominal, c.i.f.; chalky, nominal; shipment, 395s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). **CANDELLI.**—To arrive. Under 1 ton, 22os. per cwt.; 1–5 tons, 218s. 6d.; 5 tons and over, 217s. 6d. ex store. **OURICURI.**—Spot, 325s. per cwt.; shipment, 282s. 6d., c.i.f.

Essential and Expressed Oils

CASTOR.—“Firsts” are officially quoted at £82 per ton, and “seconds” at £80, both net ex works, in bulk lots.

The maximum selling price of castor oil fatty acids, seconds, has been reduced from £103 15s. per ton to £93 per ton, naked ex works.

CITRONELLA.—Ceylon, spot, about 21s. per lb.; Java, approximately 27s. 6d.

CLOVE.—No change in English makers' prices of 12s. 6d. to 13s. per lb., according to quantity.

COTTONSEED.—Controlled prices for supplies are as follows: Crude, £52 2s. washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties quoted naked ex works.

EUCALYPTUS.—Approximately 8s. 6d. per ton would be the price of oil containing 70 per cent. cineole.

GINGERGRASS.—Small quantities on spot would be worth 22s. 6d. per lb.

NUTMEG.—English distillers continue to quote at 35s. per lb. for oil made from Indian material.

OLIVE (EDIBLE).—The price charged to wholesaler by the importer is 25s. 9d. per gallon ex store. Prices charged by wholesaler to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

RAPESEED.—No change in official quotation at £88 per ton, naked ex works.

TRADE MARKS

ICATIONS AMENDED AFTER ADVERTISEMENT
 fication No. B630,116 by Moore Medicinal
 products, Ltd., should be altered so as to
 ad, "All goods included in Class 5 except
 sinfectants."

(From "The Trade Marks Journal,"
 February 14)

"XO"; for all goods (1), (3), (4), (5), except
 hemical substances prepared for human
 se in medicine and pharmacy and infants'
 nd invalids' milk foods; (9), (10), (17), (21),
 (8), (29) except milk foods; (30), (31), (32).
 y Glaxo Laboratories, Ltd., Greenford,
 Middlesex. 619,521-33 (All Associated).
 "CH KATRINE"; (device of same and exclusive
 se of words "Loch Katrine" disclaimed);
 or bleaching preparations for laundry
 purposes (3). By Sunshine Bleach (Hilling-
 ton), Ltd., 2 Lister Road, Hillington,
 Glasgow, S.W.2. 631,490.
 "R-DE-CLEN"; for toilet preparations for
 eaning artificial teeth (3). By Per-de-Co.,
 Ltd., Bear Lane, Farnham, Surrey. 631,510
 Associated).
 "COCOTE"; for non-medicated toilet pre-
 parations for the skin (3). By Calmic, Ltd.,
 Lostock Grange, Westhoughton, Lancs.
 631,637.
 "REGE"; for brilliantine, dentifrices, bath
 salts, lipstick, talcum powder, face powder
 and face cream (all non-medicated); soaps,
 perfumes and hair lotions (3). By Coty
 (England), Ltd., 3 Stratford Place, London,
 W.1. 632,040.
 "SUPRINN"; for pharmaceutical prepara-
 tions (5). By D. Brooks & Co., Ltd., 271
 Wakefield Road, Huddersfield. 629,837.
 "VARTEX"; for toilet paper (medicated) (5);
 toilet paper (non-medicated) (16). By J.
 Rutherford & Co., Ltd., Victoria Mills,
 Hillingworth Road, Holloway, London,
 N. 7. 631,763-64 (Both Associated).
 "LSILL"; for medicated foot powder (5).
 By S. T. Chemicals, Ltd., 214 Bishopsgate,
 London, E.C.2. 632,225.
 "RBRALIN"; for pharmaceutical prepara-
 tions (5). By Bayer Products, Ltd., 14
 Waterloo Place, Pall Mall, London, S.W.1.
 632,286.
 "AL"; for clinical thermometers (9). By
 H. Zeal, Ltd., Lombard Road, Morden
 Road, Merton, London, S.W.19. 631,497.
 "POL"; for scientific apparatus and instru-
 ments, etc. (9). By Diapol, Ltd., 55 Greek
 Street, Soho, London, W.1. 631,594 (Associ-
 ated).
 "CLID"; for scientific apparatus and instru-
 ments (9). By The British Engraving and
 Nameplate Manufacturing Co., Ltd., 225
 Goldhawk Road, Shepherd's Bush, London,
 W.12. 631,755 (Associated).
 "PATEX"; for appliances and articles for
 prophylactic purposes, and surgical instru-
 ments and apparatus, all of india-rubber (10).
 By R. Porter, Baliol Chambers, West Sun-
 side, Sunderland. 631,127.

"WHITE CROSS" (words and cross device in
 circle and condition that mark shall not be
 used in colour or colours); for paper toilet
 seat covers and cleansing tissues (non-
 medicated), etc. (16). By Interlake Tissue
 Mills Co., Ltd., c/o Raworth, Moss & Cook,
 75 Victoria Street, London, S.W.1. 630,574
 (Associated).

(From "The Trade Marks Journal,"
 February 21)

"PHENOXETOL"; for chemical compounds for
 use as preservatives in pharmaceutical and
 medical preparations, oils and fats, emul-
 sions, etc. (1). By Nipa Laboratories, 17
 Creechchurch Lane, London, E.C.3. 630,412.
 "LIQUITABS"; for fertilisers in tablet form (1).
 By Ulvir, Ltd., 27 Burnt Oak Broadway,
 Edgware, Middlesex. 631,224.
 "PRIM"; for toilet and cosmetic preparations
 (3). By Primrose House, Inc., c/o F. B.
 Dehn & Co., Kingsway House, 103 Kingsway,
 London, W.C.2. B628,907.
 "CRYSTOFIX"; for toilet preparations for the
 hair (3). By H. J. Christie, 6 Adelaide
 Street, Belfast. 630,981.
 "EVENING IN HAWAII"; for toilet preparations
 (3). By J. A. Sliman, 152 Main Street,
 Prestwick, Ayrshire. 631,651.
 "COURTESY"; for perfumery, toilet prepa-
 rations, cosmetic preparations (3). By A. B.
 Curtis, 6 Ludgate Circus Buildings, London,
 E.C.4. 631,672.
 "CALMIC"; for soaps, perfumery, essential oils,
 hair lotions, dentifrices, toilet preparations
 for the skin (3); also for pharmaceutical
 substances (human and veterinary), sani-
 tary substances, medical and surgical
 plasters, bandage material, dental waxes,
 disinfectants (5); "DECON"; for medi-
 cated preparations for application to the
 human skin (5). By Calmic, Ltd., Lostock
 Grange, Westhoughton, Lancs. 631,769-70
 (both Associated) and 631,740.
 "PASHANA"; for perfumery, toilet and cos-
 metical preparations, soaps and dentifrices (3).
 By Kenrosa, Ltd., 152 Clarence Road,
 Clapton, London, E.5. 631,785.
 "REDEX"; for toilet preparations (3). By
 Rêdex Proprietaries, Ltd., 140 Park Lane,
 London, W.1. 631,709.
 "SVEEDA"; for washing fluids, bleaching prepa-
 rations for laundry use, etc. (3). By
 Voltas, Ltd., Gem Works, The Green,
 Southall, Middlesex. 632,233.
 "ENIGMA"; for brilliantine, dentifrices, bath
 salts, talcum powder, cosmetics, soaps, per-
 fumes, hair lotions (3). By Coty (England),
 Ltd., 3 Stratford Place, London, W.1.
 632,344.
 "COTSKIN"; for medicated ointments for
 infants (5). By Essel Products, 88 Prescott
 Lane, Kitt Green, nr. Wigan. B630,429.
 "EPIDO" and "JEEP"; for pharmaceutical and
 sanitary substances; infants' and invalids'
 foods (5). By Williamson Products, 149
 Farringdon Road, London, E.C.1. 630,998-9.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Council Candidates

SIR,—I note the different claims for unity by the candidates for election to the Pharmaceutical Council, but few solicit my vote as a pharmacist, which is surely the bond of unity between us all. The inference that only an employee representative on the Council can ensure a fair deal for employees is surely a reflection on the honesty of purpose and integrity of other Councillors. I am a woman employee pharmacist and deprecate this splitting of pharmacy into sections, which actually, in fact, causes further disunity.

Yours faithfully,
Watford. ELIZABETH M. M. YONGE.

Bismuth Lozenges

SIR,—The Birmingham city analyst's recent report summarised in your issue of February 3 (p. 211) states that a sample of bismuth lozenges stamped "bismuth and magnesia tropels" was found to differ in composition from the official formula. As the word Tropel is our registered trademark, we wish to point out that bismuth and magnesia Tropels are a proprietary line of ours, and should not be confounded with the official trochiscus bismuth. co. Bismuth and magnesia Tropels contain bismuth carbonate, magnesium carbonate, pepsin, sodium bicarbonate and peppermint oil. The "appropriate quantitative particulars" of the active ingredients have always appeared on the label of the container. In the instance referred to the Tropels were sold loose. Owing to the paper restrictions the free issue of printed envelopes has been discontinued; hence the absence of the required particulars. We are, however, able to supply adhesive stamp-labels for attaching to small packages while the present emergency continues.

Yours faithfully,
Coventry. WYLEYS, LTD.,
G. PINCHBECK, *Director*.

N.H.I. Dispensing Fees

SIR,—I was encouraged by F. A. Gee's letter in the *C. & D.* (March 3, p. 234), which demonstrates that my views on the present rate of National Health Insurance dispensing fees are shared by others. Surely, with the imminent return of some of our colleagues from the Forces, the time

has come for chemists to shake off the "sleeping sickness" or "ostrichism" which has for too long been endemic among them. Have they seriously attempted to keep the flag flying? Or will their war-weary colleagues return to find that the representatives of pharmacy left in Britain are nobly carrying on at the same rate as before the war? Nobody begrudges war bonuses to other professions, but why let pharmacy be the national Cinderella? Cannot anyone else foresee, as I do, that the very money we have saved the Government will be used to tempt the unwilling and undecided to "earn as they learn" in that service profession, pharmacy? Surely, the present psychological moment for demanding an increase will, if lost, be gone for ever!

Yours faithfully,
SCOTIA.

Tribute to Wholesalers

SIR,—I write to endorse the letter of Pickles (*C. & D.*, February 17, p. 19) expressing appreciation of the services of the wholesaler. Old men like myself know the debt we owe to the Proprietary Articles Trade Association, and all know (or should know) the bulwark the National Pharmaceutical Union is to the man in a modern way of business, but I think we overlook, probably because it has been so much taken for granted, the help, week after week, that the extraordinary efficient and prompt service the wholesale houses provide before the war. A business such as mine, isolated in the country, and expected to keep some, at least, of everything required by the district around, simply could not have been carried on without the help of the wholesaler and the prompt wholesaler at that. Also the quick way businesses have been restarted after being bombed burnt out and have carried on under present difficult conditions is a credit to all concerned. May I also add a word of appreciation of yourselves. To a country chemist, not very conversant with such matters, and suddenly confronted, in a busy hour, with a request from a well-to-do refugee to supply at once, or obtain as soon as possible, a preparation which may or may not, be in Schedule IV, or Schedule your Poisons Guide has been invaluable.

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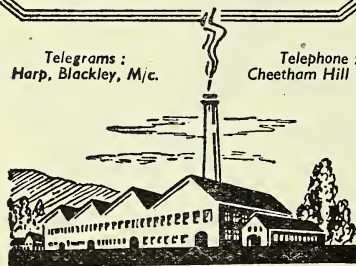
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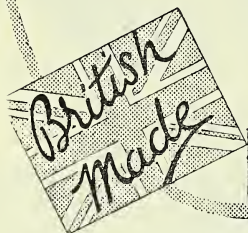
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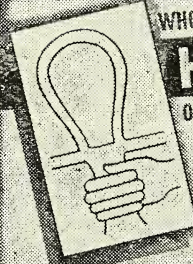
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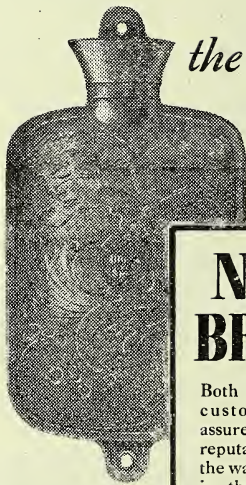


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The CHEMIST AND DRUGGIST SUPPLEMENT



This Supplement is inserted in every copy of The Chemist & Druggist

**MARCH 10
1945**

28, ESSEX STREET, LONDON, W.C. 2

Supplement Advertisements must be prepaid and should reach us not later than **FIRST POST WEDNESDAY** week of issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

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Applications are accordingly invited from men, both in civil life and the Services, who are interested in this particular sphere of work, and are desirous of taking up outside representation as soon as the war situation permits.

Applicants should be qualified Pharmacists, but consideration will also be given to unqualified applicants who have had several years good retail pharmacy experience; age limits—26 to 35 years; possessing sound pharmaceutical and business knowledge, experienced car drivers.

Those interested should apply for form WB/R.1 to—

Staff Department

**The Chas. H. Phillips Chemical Co. Ltd.
179/181 Acton Vale, London, W.3**

EXPORT TRADE

EXPORT AND IMPORT. Inquiries invited by Firm closely associated pre-war with France, Belgium, Holland, from those interested in post-war business with these countries. Write 597/462, & D. London Office.

MESSRS. DINKER & CO., 88 Vithalbhay Patel Road, Bombay, 4, invite connexions from competitive manufacturers and reliable exporters of Chemicals and Drugs. Bankers: Eastern Bank, Ltd., Bombay; National Bank of India, Ltd., Bombay. Reference: M/S. Biddle, Sawyer & Co., Ltd., Empire House, London.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

RUG Store, lock-up, B.O.T. licence for Drugs, Medicines, Toilets, Surgicals and Photographic; ht overheads; London S.W. district. Excellent opportunity for qualified Man to add N.H.I., etc. 50 all at. 599/544, C. & D. London Office.

FOUND old-established middle-class Chemists' business for immediate disposal owing to ill-health of proprietor. All particulars and auditors' reports given in confidence to suitable prospective purchaser. Apply Fatherly, Chemist, Cullercoats, Northumberland.

TRADE MARKS

The following Trade Marks were assigned on the 4th August, 1944, by Stemco Limited, of 128-132 Albert Street, Camden Town, London, N.W.1, to Daggett & Ramsdell, of 1 Park Avenue, New York, State of New York, United States of America, *without the goodwill of the business* in which they were then in use:—

REGISTERED TRADE MARKS

No.	Mark.	Goods.
286723	DAGGETT and RAMSDELL'S COLD CREAM label.	Cold cream.
507533	DAGGETT and RAMSDELL d and r label.	do.
507711	DAGGETT and RAMSDELL'S	do.
508509	DAGGETT and RAMSDELL'S	Vanishing cream, being a toilet article.
508510	DAGGETT & RAMSDELL d and r label.	do.
509352	DAGELLE	Cold cream and medicated preparations for human use for the skin.
509353	DAGELLE	Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap).
514230	HA-KOL	A medicated preparation for human use in the treatment of headaches, neuralgia, and similar pains.
543725	BREVO	Shaving cream and shaving soap.
581617	DAGGETT & RAMSDELL	Cold cream, medicated skin tonic and medicated eau de Cologne, all for human use.
581618	DAGGETT & RAMSDELL	Toilet creams, cleansing, shampoo and sunburn oils, face powder, astringent lotions, and eau de Cologne, all being toilet articles (not medicated) for human use.

UNREGISTERED TRADE MARKS

D & R	Toilet creams, powders, lotions and oils, cleansing tissue, eau de Cologne, perfume, shampoo, soap.
d and r	do.

THE Trade Mark **NEOCIDE** No. 475398, registered in respect of chemical substances prepared for use in medicine and pharmacy, was assigned on the 29th January, 1945, by Dimol Laboratories Limited, of 40 Ludgate Hill, London, E.C.4, to J. R. Geigy, Société Anonyme, of 215 Schwarzwaldallee, Basle, 16, Switzerland, *without the goodwill of the business* in which it was then in use.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

Employment of Women (Control of Engagements) Order 1942

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

RETAIL (HOME)

ASCOLTS PHARMACIES (1933), LTD., Wembley, Middlesex, owing to expansion of business, require the services of capable qualified Pharmacists for Permanent, progressive and lucrative positions. Only those able to sole charge need apply.

BIRMINGHAM. Qualified Assistant required. Male or female. Must be exempt military service. Please state age, experience and salary required. E. Willoughby Williams, Ltd., 646 Washwood Heath Road, Birmingham, 8.

BERKSHIRE. Unqualified Assistant (single), experienced in Dispensing and small-scale Manufacturing required immediately. Permanency. Full particulars in first instance, please, to Hickman & Metcalf, Ltd., Market Place, Newbury.

BIRMINGHAM. Qualified Chemist or Unqualified Assistant, with Dispensing experience; either sex; no Sunday or half-holiday duty; comfortable berth for suitable person. Rushtons' Pharmacies, 1088 Stratford Road, Birmingham.

BRIGHTON. Required, smart Junior Assistant. Either sex. No Sunday or half-holiday duty. Full particulars to 599/550, C. & D. London Office.

CAMBRIDGE. Qualified Manager or Unqualified Assistant; good wages. Write Norman Fowler, Ltd., 34 Trinity Street, Cambridge.

LONDON CO-OPERATIVE CHEMISTS, LTD., invite applications from experienced Pharmacists (male or female) for established and ethical businesses in the London suburbs; present and post-war prospects are excellent. Application, in the first instance, to Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

MANAGER required by Chemists, Oil and Paint Merchants; qualified preferred, but not essential; no dispensing. Reply, with full particulars, to H. A. Roberts, 14 Clumber Street, Nottingham.

ORRIDGE & CO., Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from all employers seeking Qualified Staff, especially for London and Southern Counties, excluding women between the ages of 18 and 41. Terms on application.

PHARMACIST required, male or female (not eligible for National Service), for West-end pharmacy; dispensing and counter work; no Sunday duty. Apply, Selfridges' Staff Office.

QUALIFIED or Unqualified Assistant wanted; exempt military service, male or female. Usual particulars. Padgett, Chemist, 84 Commercial Road, Newport, Mon.

QUALIFIED and Unqualified Assistant, either sex, required; exempt military service, for good-class business; both positions permanent; comfortable post for the right person. Full particulars, E. C. Paine, 82-3 Bartholomew St., Newbury.

QUALIFIED Assistant, view to early manership, with good experience. Please give full particulars to Edgar Davies, 59 Dudden Hill Lane, Willesden, N.W.10.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from Qualified Pharmacists for the position of Manager; Unqualified Assistants also required; good post-war prospects and holidays with pay. Apply, in writing, stating age, experience, salary required, and position under the National Service Act or Registration for Employment Order, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

SURGICAL Assistants, male or female, required for West End retail establishment. Experienced in fitting trusses, belts and surgical appliances generally. Write, stating age and wages, Box 488, Sells Ltd., Brettenham House, Strand, W.C.2.

UNQUALIFIED Assistant wanted, for pharmacy in rural district. Either full or time, hours 9.30 a.m. to 6.30 p.m., or 2.0 p.m. to 6.30 p.m. Please apply with particulars of experience and salary required to M. G. Sharp, 3 The P. Carpenters Park, Watford, Herts.

UNQUALIFIED Assistant, experienced Dispensing Central London. Apply Lewis & Burrows, 146 Holborn, E.C.1.

WANTED, Qualified Chemist, temporary position. Not liable for H.M. Forces or National Service. Applications, stating age, experience, and required to be sent to the West Stanley Co-operative Society, Ltd., Front Street, Stanley, Co. Du. Not later than Saturday, March 17, 1945.

WORTHING. Experienced Unqualified Assistant for busy shop; short hours and practical extra duties; progressive post for conscientious; dispensing and counter. Apply, with full particulars, to Hornsey, M.P.S., 8 South Down, Worthing. 'Phone: 1507.

LOCUMS WANTED

LOCUMS. An invitation is extended to Pharmacists (male and female) who require short term period bookings during the present season. Applications to Superintendent Chemist, 54 Maryland Street, Stratford, London, E.15.

QUALIFIED Locum required for two to three weeks in summer (two shops). Two Assistants in each shop. Accommodation could be arranged. Particulars of salary, etc., to John Chaytor, Chemist, 10 Bell Green Road, Coventry. Ring 88922.

SAVORY & MOORE require the services of a qualified Locum for the London area and South Coast. Continuous employment, if required, May 7 to end of October. Apply in first instance letter only, giving full particulars and time available to H. F. S., 61 Welbeck Street, W.1.

WHOLESALE

AGENTS, active and enterprising, required for following areas: West of England, South North Wales, North-eastern Counties, Midlands; London; must have sound connexion among and wholesale chemists, co-operative societies, stores; attractive products that a really good man could sell at every call; good commission large income easily earned. 599/529, C. & D. London Office.

ANALYTICAL Chemist required by London Manufacturing Chemists, working under Essential Works Order. Practical works experience general routine analysis and alkaloidal assay drugs, including opium, essential. Reply, with particulars of experience, salary, etc., to 578 C. & D. London Office.

AN Assistant required in Dispensing and Compounding Laboratory of old-established London firm supplying food trades; capable of accurate measurement; the position would suit a woman preferably one trained in pharmacy; canteen; hours 9 to 5.15; good salary paid. Write, giving particulars, to 599/534, C. & D. London Office.

APPLICATIONS are invited for position as Superintendent-Director by Manufacturing Chemists (Lancashire). Applicants must have had the necessary experience to enable them to undertake development work for the company. Full details career up to date and salary required. 599 C. & D. London Office.

AREA Representatives required by Manufacturers and Wholesale Chemists for Cloister B tablets and coated pills and other products. Secured to right man. Good commission. V. J. E. Cross & Co., Ltd., 71 Houndsgate, Nottingham.

BERKSHIRE. Unqualified Assistant (single) experienced in small-scale Manufacturing Dispensing required immediately. Permanent Full particulars in first instance, please, to Hickman & Metcalf, Ltd., Market Place, Newbury.

EXPERIENCED Export Packer required by Manufacturing Chemists and Druggists; should be capable of packing cases of medicinal supplies. Apply, 599/546, C. & D. London Office.

EXPERIENCED Full-time Travellers calling on stores, Co-op. Societies, Chemists in Midland, East and Eastern Counties required by Manufacturers and Distributors of Toilet Preparations, Cosmetics, Plastic Goods, etc. Salary, commission 598/490, C. & D. London Office.

EXPERIENCED Representative required for Scotland, by high-class ethical Manufacturing firm, to call on Hospitals, Doctors and Chemists; reside in territory. Write, stating age, experience, qualifications, and liability to military service, to "N. B.," c/o Charles Barker & Sons, Ltd., 140 E. Row, London, E.C.4.

EXPERIENCED Representative required for Birmingham and District, by high-class ethical Manufacturing firm, to call on Hospitals, Doctors, and Chemists; must reside in territory. Write, stating age, experience, qualifications, and liability to military service, to "O. C.," c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4. A well-organised, strong financially, excellent prospects for export trade with consolidated firms abroad, require first-class Expert in Chemicals, Pharmaceuticals, and Plastics, with good contacts with the industry; to manage independently a growing department on salary and participation; only highly experienced man possessing wide contacts and connexions considered. Applications, with confidence, to 599/537, C. & D. London Office.

MAKER required for Manufacturing House, W.W. London. Permanent and progressive position, should be over military age, or exempt service. State experience and wages required. Apply, C. & D. London Office.

REPRESENTATIVES for S.W., West England, Home Counties, Wales and Midlands, calling on Chemists, Hairdressers, Departmental Stores, and other lines in demand; liberal commission and existing territory handed over in some cases. Apply, 599/542, C. & D. London Office.

SET Machinist wanted. Apply, stating age, experience and wages required, and position with the National Service Act, The Wallis Laboratories, Ltd., 58 King George's Avenue, Watford.

Wholesale Drug Trade Association invites applications for the post of Assistant Secretary. Candidates should possess organising experience and ability to record trade meetings and aptitude for working with Government Departments. Pharmaceutical, scientific or legal qualifications an advantage. Age preferably 30 to 40; initial salary commensurate with experience and qualifications with prospects. All applications, which will be treated as confidential, should give age, particulars of previous employment and business careers with copies of testimonials. Apply in the first instance to the Chairman, The Wholesale Drug Trade Association, Tavistock House North, Tavistock Square, W.C.1.

Pharmaceuticals Division of Imperial Chemical Industries, Ltd., has vacancies for experienced Representatives for propaganda work: (a) to call on doctors, hospitals, institutions, wholesalers, and retailers. Candidates must be qualified as pharmacists or possess equivalent technical qualifications. Applications, with full particulars, including liability under Armed Forces Act, should be addressed to the Staff Department, Hexagon House, Blackley, Manchester, 9.

Representatives with good connexion Retail Chemists, for Midlands and North England, by Manufacturers of Pharmaceutical products in urgent need. Salary and commission. 600/555, C. & D. London Office.

AGENCY for Assistant, Male or Female; some experience in Wholesale and Manufacturing an advantage. Good prospects. Apply Fairbank Kirby, Ltd., 100 Fleet Street, Grimsby.

WELL-KNOWN Firm of Manufacturing Chemists has opening for Office Manager to take charge of Sales Offices and Control Office Staff. Knowledge of Retail Trade and of Accountancy an advantage. Salary. Permanent and progressive post for man. 599/554, C. & D. London Office.

WANTED, Salesman, calling on Retail and Wholesale Chemists, to carry attractive advertised lines; fair commission and large turnover. Apply to Hinton Manufacturing Co., 72 Shaftesbury Avenue, London, W.1.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

WHOLESALE

ABSOLUTELY first-class qualified Representative desires to negotiate with high-class Pharmaceutical or Toilet House for position on Birmingham and Midlands area now or post-war. Fifteen years' experience and fine connexion. Replies treated in strict confidence. 598/492, C. & D. London Office.

ADVERTISER, 28, exempt N.S., desires position of trust and responsibility on or near S., S.E. Coast, I. of W. Excellent sales record; managerial and executive ability; knowledge of medicine; representation or personal assistant to a busy executive; willing to learn any business wholesale or retail. Very adaptable, excellent education. Wife S.R.N., R.F.N. industrial nurse, also willing to consider position. No objection to double situation. Suggestions invited.—599/535, C. & D. London Office.

ADVERTISER with 25 years' practical experience in Marketing, Sales Management and Sales Promotion, seeks Executive appointment. Salary. £800 with prospects. 599/553, C. & D. London Office.

CHEMIST, exempt, experienced in all sections of Manufacturing Business, seeks responsible position, preferably administrative. 599/551, C. & D. London Office.

DO you want an Agent in London to call on Wholesale and Export Houses? Commission basis. Many years' experience in selling. 600/556, C. & D. London Office.

GENTLEMAN, age 45, with an important connexion of long standing with Doctors, Hospitals, Chemists and Public Health Authorities in South Wales and Midlands, would represent reputable House. 599/552, C. & D. London Office.

PHARMACIST. Experienced wholesale and retail seeks suitable post-war position where administrative abilities will be offered suitable scope. Thorough knowledge of all sections of the trade. Replies, which will be treated with the strictest confidence, to c/o CDB/369, C. & D. London Office.

TRAVELLER, with old-established connexion, calling on Chemists and Departmental Stores, all Southern Counties, seeks sole Representation, or would carry lines on a commission basis (Toilets preferred), but would entertain Chemists' Sundries or Packed Goods. Only reputable firms considered. 599/539, C. & D. London Office.

WELL-KNOWN Representative, 44, with excellent connexion leading chemists, South-West England and South Wales, requires additional Agency. Apply CDB/332, C. & D. London Office.

YOUNG Man, 33, wants Representation or Agency for Northern Ireland; good contacts; keen, energetic; own car; excellent references. 599/538, C. & D. London Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENCY wanted. Old-established Export House require Sole Selling Agency Dental Cream for India. Box W. 319, Lee & Nightingale, Liverpool.

ADVERTISER, with established connexions, shortly establishing Sales Agency, wishes to Represent a small number of Houses marketing advertised and demanded lines. C.F. companies preferred but not essential. 599/548, C. & D. London Office.

LONDON Firm of Distributors with extensive and old-established connexion among Wholesale Chemists, Hairdressers and Allied Trades covering the country are prepared to consider suitable lines. Buying or commission basis. Full particulars, please. 599/527, C. & D. London Office.

MIDLANDS firm with complete Sales organisation with Chemists and allied trades would undertake Representation of one or two good products. Warehouse and packing facilities available. Write 597/463, C. & D. London Office.

APPOINTMENTS

EASTBOURNE—PRINCESS ALICE HOSPITAL

(Voluntary General.) 120 beds. PHARMACIST, M.P.S. (female), required; sole charge, resident or non-resident. Salary according to British Hospitals' Association scale; superannuation. Applications, stating age and experience, to the Secretary.

CELL BARNES HOSPITAL (E.M.S.)

ST. ALBANS, HERTS

PHARMACIST (sole and in charge) wanted at once for this small hospital unit. Salary on usual scale according to professional status. Residential if desired. Apply to Medical Superintendent.

PREMISES WANTED

PREMISES required for Manufacturers of Pharmaceuticals with suitable office accommodation. Modern building with about 10,000 sq. ft. floor space; all services, within 25 miles of the City of London. Rent or purchase. 598/520, C. & D. London Office.

REQUIRED to Buy or Rent Premises up to 2,000 square feet for Medical Manufacturing purposes; western London area preferred. Full particulars to Dew, The Elms, Tite Hill, Egham.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

LONDON. Small Manufacturing Business wanted; any line suitable for Drug or Allied trade. Full particulars and price to 599/545, C. & D. London Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ASPIRIN Powder, Crystals, Grans., and 5-grain Tablets required, in large or small quantities. Highest market prices paid. 442/304, C. & D. London Office.

ANISEED Oil, Pine Oil, Malt Extract (Liquid and dry) required by actual user in large quantities. 596/433, C. & D. London Office.

ANY quantity of Tablet Bottles No. 3, with or without Metal Caps and Compo Cork Wads. Sample and price to The New Era Treatment Co., Ltd., Cecil House, Holborn Viaduct, E.C.1.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

BOTTLES urgently wanted. 500 gross 4-oz. Oval Emulsion Bottles (or nearest type), with screw caps. Offers of 20 gross lots and upwards to 599/532, C. & D. London Office.

CALABAR Beans for Shipment. United Kingdom or origin. State maximum quantity available. 597/486, C. & D. London Office.

ICELAND MOSS. Large or small quantities wanted. Write, stating amount available. 600/557, C. & D. London Office.

SECOND-HAND Gardener Mixer and Sifter, also Vacuum Bottling Machine; must be in good condition. Reply, stating particulars and price. J. & E. Phillips, W/S Druggists, Brentcliffe Avenue, Carlton Road, Nottingham.

THE makers of Acrabond Liquid Glue require 1-oz. and 2-oz. tall Flint Pomade up to 1,000 gross each. Please send sample and to Acra Woodturning Co., Ltd., King's Headings, Cloth Hall Street, Huddersfield.

TUCKER'S Asthma Spray. Urgently required New or second-hand. Skues, 219 Upper T Road, S.W.17.

URGENTLY required, 6-oz. Screw or Cork Bottles, large or small quantities. 59 C. & D. London Office.

WANTED. One-ounce Bottles. Highest paid. Write 598/495, C. & D. London

WANTED, quantities of surplus stocks Bottles, empty, or filled with household (sub.) pine disinfectant or similar commodity. Box W. H. Smith & Son, Ltd., Manchester, 3.

WANTED to purchase, Cameras, Enlargers all photographic Apparatus, Exposure M Tripods, etc., Microscopes, Binoculars, Cine Cameras and Projectors. Prompt cash and high prices offered. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

16-oz. Ribbed Ammonia-type Bottles, screw wanted; also 4-oz. and 6-oz. Medical Apply, stating quantity and price, J. & E. Phillips, W/S Druggists, Brentcliffe Avenue, Carlton Nottingham.

30 GROSS 6 oz., 20 gross 8 oz., best quality Pharmaceutical or nearest quantity. 599/547, C. & D. London Office.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word

DISTRIBUTING organisation, full cover United Kingdom, prepared to introduce Products showing post-war prospects; sole distribution only entertained with a guarantee no competing line will be carried by us; price (M.I.A.M.A., M.I.S.M.A.) personally contacts ideologically all big buyers, and is willing to advise packaging, marketing, and advertising. 599 C. & D. London Office.

ENTERPRISING Firm of Paper Converters complete knowledge of Paper and Allied Trades desiring to expand and willing to do pioneering will welcome now any ideas for Post-war. Suggestions will be carefully considered and treated confidentially. 599/541, C. & D. London Office.

MANUFACTURING House (Lancashire) facilities available for packaging Pills, Tablets, Powders, etc. Quantity or period contracts. 599 C. & D. London Office.

SMALL Manufacturer, production expert, in chemicals, cosmetics, tablets, taking up permanent residence in Spain first opportunity, wishes to discuss activities. Would prepare now to suit interview either by planning or manufacture. Reply strict confidence. 599/540, C. & D. London Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

NAME Plates and Signs for Chemists neatly engraved. Send wording for full-size sketch list. (Enclose 3d. stamps.) G. Maile & Son, Engravers, 367 Euston Road, London, N.W.1.

SINGLE-PUNCH Tableting Machine for sale. Can be used for either hand or power. 599/536, C. & D. London Office.

2,000 VERY Strong Bags available for 26 in. x 16 in.; also off-cuts of cardboard. Communicate 599/549, C. & D. London Office.

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